New Courses
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions
1. Course request type: □ Undergraduate  ☑ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Animal Science
3. Course prefix, number and complete title of course: ANSC 651 Current Issues in Animal Agriculture
4. Catalog course description (not to exceed 50 words):

Prepare students to project a professional image and use communication skills to describe animal agriculture; converse about the strengths and weaknesses of animal agriculture.

5. Prerequisite(s):

Graduate classification

Cross-listed with: ANSC 351

Is this a variable credit course? ☑ No
If yes, from _______ to _______

Is this a repeatable course? ☑ No
If yes, this course may be taken ______ times.

Will this course be repeated within the same semester? □ Yes ☑ No

Will this course be submitted to the Core Curriculum Council? □ Yes ☑ No

How will this course be graded? ☑ Grade □ S/U □ P/F (CL/MD)

6. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   College of Agriculture and Life Sciences

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with those departments. Attach approval letters.
12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://ясr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
13. Fee(s):

   Semester: Fall 2015
   Room: 100
   Lab: 0
   Other: 0
   Credits: 3.00
   Total: 3.00

   Grade: 016041605
   Exam: 0270
   Fee: 0
   Cost: 003323

   Approval recommended by: [Signature]

   Department Head or Program Chair (Type Name & Sign) Date

   Department Head or Program Chair (Type Name & Sign) Date
   (if cross-listed course)

   David Reed
   Chair, College Review Committee
   Date

   Mark Hussey
   Dean of College
   Date

   Submitted to Coordinating Board by:

   Chair, GC or UCC
   Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 07/14
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions
1. Course request type:
   - [ ] Undergraduate
   - [x] Graduate
   - [ ] First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Department of Animal Science

3. Course prefix, number and complete title of course:
   ANSC 651 Current Issues in Animal Agriculture

4. Catalog course description (not to exceed 50 words):
   Prepare students to project a professional image and use communication skills to describe animal agriculture; converse about the strengths and weaknesses of animal agriculture.

5. Prerequisite(s):
   Graduate classification
   Cross-listed with:
   Stacked with: ANSC 351
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?
   - [ ] Yes
   - [x] No
   If yes, from ________ to ________

7. Is this a repeatable course?
   - [ ] Yes
   - [x] No
   If yes, this course may be taken ________ times.
   Will this course be repeated within the same semester?
   - [ ] Yes
   - [x] No

8. Will this course be submitted to the Core Curriculum Council?
   - [ ] Yes
   - [x] No

9. How will this course be graded?
   - [x] Grade
   - [ ] S/U
   - [ ] P/F (CLMD)

10. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. [x] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)
   - ANSC 651 Current Issues Animal Ag

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>COP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>HFL Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>010901005</td>
<td>0270</td>
<td>16</td>
<td>- 17</td>
<td>0 0 3 6 3 2</td>
</tr>
</tbody>
</table>

   Approval recommended by:
   Department Head or Program Chair (Type Name & Sign) __________ Date 11/20/15

   Department Head or Program Chair (Type Name & Sign) __________ Date 11/20/15

   Chair, College Review Committee __________ Date

   Dean of College __________ Date

   Submitted to Coordinating Board by:
   Chair, GC or UCC __________ Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 07/14
ANSC 651
CURRENT ISSUES IN ANIMAL AGRICULTURE
Spring 20XX

Professors:  Gary C. Smith  gary.smith@ag.tamu.edu  210-913-8939
            Chris Kerth  c-kerth@tamu.edu  979-224-1707
            Dan Hale  dhale@tamu.edu  979-587-9245
            Ashley Arnold  a.arnold@tamu.edu  979-862-3643

Meeting Time:  Tue/Thurs  9:35-10:50 AM, KLCT 400

Course Format:  3 hours of lecture, 3 credits, stacked with ANSC 351
Prerequisites:  Graduate Student classification

Course Description:  College graduates entering the workforce for the first time are expected to be knowledgeable of the technical subject-matter in their field. In addition, they should exhibit awareness and understanding of the concerns of some in the general public about specific elements of their profession. The field of animal agriculture has, of late, been a lightning rod for skeptics and critics with both real and inaccurately perceived criticisms of what, how and why certain things are done. This course is intended to prepare graduates to project a professional image while using their communication skills to describe animal agriculture and to discuss its strengths and weaknesses with others.

Learning Outcomes:  (1) Upon completion of this course students will be able to create and deliver referential and persuasive discussions of topics and issues currently relevant to animal agriculture. (2) Students will demonstrate: (a) analytical reading ability, critical thinking and library research skills, and (b) communication skills in written and spoken discourse.

Conduction of Class:  (1) The first class period will consist of introductory information (i.e., course objectives, the Synopsis, Source Citations, Oral Presentations, honesty, plagiarism, regular and final examinations, final grades, differences in expectations for ANSC 651 vs. ANSC 351 students, etc.). (2) Beginning with the second class period, a single “Current Issue” will be discussed each week (two class periods) or—occasionally—at a single class period. (3) At the beginning of the second and each subsequent regular class meeting, each student will submit to the professor a handwritten (in cursive) Synopsis comprised of three (ANSC 351 students) or five (ANSC 651) sentences. (4) The Synopsis will consist of a first sentence in which the student describes her/his position regarding the “Current Issue.” Students can take a positive, negative or neutral position on an individual “Current Issue” without jeopardizing their grade in the course. As an example, the first sentence might say, “The Current Issue is that some people believe that grazing animals should never be tethered to constrain their movements, but I believe there are circumstances in which tethering is appropriate.” (5) The second
and third (ANSC 351) and the second, third, fourth and fifth (ANSC 651) sentences of the Synopsis will consist of the best statements of fact that the student can construct—based on her/his research—to support her/his position regarding that “Current Issue.” Each of the statements must have a Source Citation. As an example, a supporting statement might be “John Doe (Ruminant Science, Volume 72, page 341, 2012) supports the use of tethering for producers on small-scale sheep operations that cannot afford to construct fences.” or “Jane Doe (Proceedings of the International Livestock Congress, page 27, January 8, 2013) believes tethers—properly constructed and deployed—are humane and do not create undue animal stress or pain.” Students may use as Source Citations: (a) Statements by scientists generally regarded as experts on the subject from Internet, newspaper, magazine, textbook, White Paper, or personal interview sources, and; (b) Results of studies from a scientific journal article, a Proceedings paper, or a review commissioned by a nonprofit organization (e.g., NCBA, USDA, ASI, NPPC, NTF, PETA, PEW, NCC, HSUS, etc.) (6) During each regular class period, as many as possible of the students in the class will make an Oral Presentation of his/her Synopsis—without use of any notes or visual aids. Other students and the professor will constructively critique the substance of the Synopsis and the delivery of the Oral Presentation.

Attendance and Makeup Policies: Regular class attendance is expected. Excused absences must be confirmed and include: (1) Participation in authorized University activity. (2) Confinement due to illness (statement signed by a physician is required). (3) Death in immediate family. (4) Participation in legal proceedings that require the student’s presence. (5) For additional information about the attendance and makeup policies, please refer to Student Rule 7 at http://student-rules.tamu.edu/rule07. If an absence is excused, the instructor will either provide the student an opportunity to make up any quiz, exam or other work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor. If an absence is excused, the instructor will either provide the student an opportunity to make up any quiz, exam or other work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor.

Americans with Disabilities Act (ADA) Policy Statement: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu.

Academic Integrity Statement and Policy: “An Aggie does not lie, cheat, or steal; or tolerate those who do.”—Aggie Honor Code http://www.aggiehonors.tamu.edu
Honesty: According to the Texas A&M University Definitions of Academic Misconduct, plagiarism is the appropriation of another person’s ideas, processes, results or words without giving appropriate credit. You should credit your use of anyone else’s words, graphic images, or ideas using standard citation styles. If I should determine that you have failed to properly credit sources or have used all or parts of a Synopsis written by someone else, I will turn in your work to the Aggie Honor System Office for adjudication.

Grading Procedure: Each student’s Synopsis, if submitted on time, will be evaluated by the professor and assigned a score of 10 points if “Satisfactory” or 5 points if “Unsatisfactory”; no points will be given if the Synopsis is not submitted on time. The maximum possible sum of Synopsis scores will be 25 times 10 or 250 points but a perfect total score will be considered to be 200 points.

There will be three examinations (A, B, and Final); each will be worth 100 points.

Final Grades will be based on percentages of 500 total points (200 for Synopsis plus 300 for exams):

90% (450 or higher) = A
80% (400-449) = B
70% (350-399) = C
60% (300-349) = D
59% (299 or lower) = F.

Additional Expectations—ANSC 651 vs. ANSC 351: (a) Graduate Students (GS) will, as described above, be expected to provide twice as many Source Citations in each Synopsis. (b) GS will be called upon to give oral presentations more frequently than will Undergraduate Students (UGS). (c) GS enrolled for ANSC 651 credit will serve as advisors and tutors for UGS enrolled for ANSC 351 credit with regard to searching the scientific literature and delivering oral presentations. At the first class meeting, GS will provide their phone number or email address so UGS can seek assistance if, and as, needed.

Postscripts:
- A Fleishman-Hillard and The Motherhood.com survey (2013) revealed that “The primary sources for consumers obtaining information about food” (e.g., GMOs, pesticides, food safety, etc.) were: 39%, from trusted food and mom blogs; 31%, information from peers off-line; 24%, from the government, and; 17%, from physicians.

- “A university’s obligation is not to teach students what to think but to teach students how to think... If students graduate with ears and minds closed, the university has failed both the student and society.”
  (Source: Michael Bloomberg, Reader’s Digest, October 2014)
<table>
<thead>
<tr>
<th>Week</th>
<th>Course Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction; Labeling Gluten-Free Food</td>
</tr>
<tr>
<td>2</td>
<td>Importance of Beef, Pork, or Lamb (Tues) and Poultry or Dairy Products (Thurs) in the Human Diet—choose one for each class period</td>
</tr>
<tr>
<td>3</td>
<td>Vegetarianism/Veganism; Food Security (USA and Globally)</td>
</tr>
<tr>
<td>4</td>
<td>Food Defense (relative to Bioterrorism); Food Waste In the USA</td>
</tr>
<tr>
<td>5</td>
<td>Sustainability of Livestock Production in the USA; Major Examination A</td>
</tr>
<tr>
<td>6</td>
<td>Microbiological Safety of US Food; Microbiological Safety of Imported Food</td>
</tr>
<tr>
<td>7</td>
<td>Chemical Safety of US Food; Chemical Safety of Imported Food</td>
</tr>
<tr>
<td>8</td>
<td>Comparative Food Safety of Conventional vs. Local or Natural (Tues) and vs. Organic or Grass-Fed (Thurs) Beef</td>
</tr>
<tr>
<td>9</td>
<td>Animal Well-Being in Production Settings (Tues) and in Loading/Hauling/Harvesting (Thurs)</td>
</tr>
<tr>
<td>10</td>
<td>Country-Of-Origin Labeling of Beef; Major Examination B</td>
</tr>
<tr>
<td>11</td>
<td>Is Global Warming a Result of Human Activity?; How Much of GHG Production Is a Result of Animal Production?</td>
</tr>
<tr>
<td>12</td>
<td>GMOs—GE In Animal/Plant Foods; GMOs—Cloning in Animal/Plant Foods</td>
</tr>
<tr>
<td>13</td>
<td>Antibiotics for Growth Promotion in Meat Animals; Causes of Antimicrobial Resistance in Human Pathogens</td>
</tr>
<tr>
<td>14</td>
<td>Use of Hormonal (Tues) or B-agonistic (Thurs) Growth Promotants in Meat Animals</td>
</tr>
<tr>
<td>15</td>
<td>Final Examination</td>
</tr>
</tbody>
</table>

Test Dates:  
- Major Examination A: Week 5  
- Major Examination B: Week 10  
- Final Examination: Week 15
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions
1. Course request type: ☐ Undergraduate ☑ Graduate ☐ First Professional (D.S., M.S., Ph.D., M.D.

2. Request submitted by (Department or Program Name): Department of Anthropology

3. Course prefix, number and complete title of course: ANTH 666: The Neanderthals

4. Catalog course description (not to exceed 50 words):
A detailed look at the origin and evolution of Neanderthals.

5. Prerequisite(s):
   
   Graduato Standing

   Cross-listed with: ____________________________
   Stacked with: ____________________________

   Cross-listed courses require the signature of both departmental heads.

6. Is this a variable credit course? ☐ Yes ☑ No

   If yes, from _________ to _________

7. Is this a repeatable course? ☐ Yes ☑ No

   If yes, this course may be taken _________ times.

   Will this course be repeated within the same semester? ☐ Yes ☑ No

8. Will this course be submitted to the Core Curriculum Council? ☐ Yes ☑ No

9. How will this course be graded? ☑ Grade ☐ S/U ☐ P/F (CLMD)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   MA, PhD in Anthropology

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

13. Pre/ Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>Lec.</th>
<th>Lab</th>
<th>Other</th>
<th>CRH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Aead. Year</th>
<th>CRSE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>45.0201.00</td>
<td>0280</td>
<td>17</td>
<td>0 3 6 3 2</td>
</tr>
</tbody>
</table>

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date

Chair, College Review Committee Date

Dean of College Date

Submitted to Coordinating Board by:

Chair, GC or UCC Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 07/14
ANTHROPOLOGY 666
THE NEANDERTHALS
Fall 2016

Course Information: Monday/Wednesday 4:10-5:25  Room: ANTH 300B

Instructor: Dr. Sheela Athreya
Office hours: W 10-12  Office: Anthropology 316E
Email: athreya@tamu.edu  Phone: 845-4785

Prerequisite:
Graduate Standing

Course Description:
The goal of this course is to provide students with a detailed understanding of the origin and evolution of Neanderthals. While stories in the popular scientific media tend to focus on Neanderthals and their relationship to early modern humans (did they go extinct, get killed off, or are they still with us?), there are many other interesting questions about their biology, adaptations to their environment, social structure, and behavior that we can answer. Students will gain a deeper understanding of Neanderthals in all respects. As a writing-intensive class, the course will focus on achieving these goals through weekly reading and writing assignments, as well as a detailed final paper.

Learning Outcomes:
By the end of the semester, students will
1) have a detailed understanding of the anatomy, biology and behavioral abilities of Neanderthals
2) be well-versed in debates about the evolutionary origins and fate of Neanderthals
3) be able to critically evaluate studies on Neanderthals and their relationship to early humans

Required Readings:
Course readings consist of selected journal articles and book chapters that will be made available to you via the course’s eCampus website. A detailed list of readings is below with the weekly class schedule.
The course readings will be the basis of the following graded elements of the class:

I. Weekly Writing Assignments: Each week you will submit a 4-5 page response to the week’s readings incorporating your questions and application to your own research interests. Demonstrate that you are able to link, compare, and contrast ideas in the readings to each other. The goal is to assist you in developing critical thinking skills. Each week’s response sheet is worth 4 points for a total of 48 points, which will contribute to your final grade. They are due on Monday at the beginning of class. If you have a documented university approved absence, you are required to submit the response sheet to me upon your return. Failure to do so will result in the deduction of 4 points from your overall 48-point total.

I. Leading class discussion—Each of you will be responsible for leading the class discussion one time this semester. You will meet with me beforehand and we will go over the relevance and application of the readings as well as guidelines on how to lead a productive class discussion in order to help you prepare for your role as discussion leader. Your response sheet will be used as a jumping off point to tie the readings in to each other and the lecture topic and prepare questions for your classmates to stimulate discussion.
II. **Participation**—Each week in class you will be expected to show that you are 1) **DOING ALL THE READINGS**; 2) thinking critically about the topic and the positions presented in the readings; 3) evaluating competing views of the relevant issues and formulating your own understanding of these topics, and 4) considering the literature in the context of other questions that are relevant to your particular research interests.

**Exams:**
There will be two written exams that will integrate material from both the lectures and the readings. The first exam will cover the material from the first half of the course, and the second exam will cover the second half of the course. Format will be short answer and short essay. *Note: your exams will be graded not just on their content, but also on the writing. You will be expected to construct logical arguments in essay form with introductions, supporting evidence, and conclusions.*

**Final Paper:**
The final paper will be a 15-20 page research paper that is hypothesis-driven, includes the analysis of data and a detailed discussion of how your results fit into the current literature on Neandertal anatomy, biology or evolution. I can provide you with data if you cannot find published data on the topic of interest to you.

You will be expected to frame your paper in light of the historical and biological background information that is provided in the Stringer and Gamble, and the Trinkaus and Shipman books. More detailed information on the final paper will be forthcoming during the semester.

**Grading Policies:**
Your final grade will be determined by the following:

- Attendance/Participation/Discussion Leader: 10%
- Weekly Response Papers: 20%
- Midterm Exam: 20%
- Final Exam: 20%
- Final Paper: 30%

*Note that class participation is a critical part of your grade and can make the difference in your grade. Points will be deducted each week for unexcused absences and/or failure to do the readings.*

**Grading scale:**

- A=90-100
- B=80-89
- C=70-79
- D=60-69
- F= below 60

**Makeup Exam Policy**
If you must be absent for an exam, you must notify me in advance of the exam date unless the absence is due to a religious holiday, or no more than 48 hours later (if it was a last minute medical emergency only). You will not be allowed to make up the grade unless you can document your reason for being absent. Legitimate reasons for missing an exam, as defined in the TAMU Regulations are detailed in Student Rule 7 [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07):

1. participation in an activity on the Authorized Activity List,
2. death or major illness in the student's immediate family,
3. illness of a dependent family member,
4. participation in legal proceedings that require a student's presence,
5. religious holy day (defined in Texas Tax Code Section 11.20)
6. confinement because of illness
No other excuses will be considered. Students who miss an exam and cannot document a legitimate reason will receive a score of zero for that exam. If you have a legitimate reason you will be permitted to take the exam as long as it is within five days of the midterm. Otherwise, your final exam will be counted as both your midterm and final exam grade.

**Americans with Disabilities Act**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu..

**Copyright & Plagiarism**
All materials generated for use in this class are copyrighted. These include syllabi, exams, review sheets and other materials. Because these materials are copyrighted you do not have the right to copy them, unless I expressly grant permission. As commonly defined, plagiarism consists of passing off as one’s own the ideas, words, writings, etc., which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. If you have any questions regarding plagiarism, please consult the latest issue of the *Texas A&M University Student Rules*, under the section “Scholastic Dishonesty.”

**Academic Honesty and Integrity**
The Aggie Honor Code and refers the student to the Honor Council Rules and Procedures on the web. Honor Code: “An Aggie does not lie, cheat, or steal or tolerate those who do.” Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the Texas A&M University community from the requirements or the processes of the Honor System. For additional information please visit: http://aggiehonor.tamu.edu
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Readings (to be done in order listed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 8/29</td>
<td>Introduction: Who were the Neandertals?</td>
<td>Stringer and Gamble Chapter 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>No response sheet due</strong></td>
</tr>
<tr>
<td>W 8/31</td>
<td>History of discovery and research: not our ancestors?</td>
<td>Trinkaus and Shipman prologue and Ch. 1</td>
</tr>
<tr>
<td>M 9/5</td>
<td></td>
<td>Stringer and Gamble Ch. 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Response sheet 1 due: covering today's readings only (Trinkaus/Stringer Ch 1/King)</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Response sheet 2 due</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Response sheet 3 due</strong></td>
</tr>
<tr>
<td>Date</td>
<td>Activity</td>
<td>Reading and Notes</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
<td>References</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
  Trinkaus E. 2003. Neandertal faces were not long; modern human faces are short. *Proc Natl Acad Sci USA* 100(14):8142-8145. |
| W 11/16     | Lecture and workshop                                                | Scientific resources for research and writing                                                                                                                                                    |
| M 11/21     | ---                                                                  | FIRST DRAFT OF FINAL PAPER DUE                                                                                                                                                                     |
| W 11/23     | ---                                                                  | THANKSGIVING                                                                                                                                                                                           |
  Trinkaus E, 2011. Late Neandertals and Early Modern Humans in Europe, Population Dynamics and Paleobiology. In: *Continuity and Discontinuity in the Peopling of Europe,* |
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>F 12/9</td>
<td>FINAL PAPERS DUE</td>
<td>5 PM</td>
</tr>
<tr>
<td>W 12/14</td>
<td>FINAL EXAM</td>
<td>3-5 PM</td>
</tr>
</tbody>
</table>

Recommended Books: *Both of these will be on reserve at the library*


Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:  
   ☐ Undergraduate  ☑ Graduate  ☐ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):  
   Department of Biological and Agricultural Engineering
   BAEN 623: Nanotechnology in Food Processing

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   This course will discuss fundamental and applied knowledge related to nanoscale systems and technologies utilized in processing of foods. Topics include nanoscale physico-chemical properties of foods, applications, manufacture, and analysis of nanotechnologies for food processing and preservation, and relevant industrial and regulatory food nanotechnology-associated aspects.

5. Prerequisite(s):  
   FSTD 312, 313, or 315 or AGSM 315 (or equivalent coursework); or by approval of instructor

Cross-listed with:  
   FSTD 623

Stacked with:  

Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  
   ☐ Yes  ☑ No  
   If yes, from ______ to ______

7. Is this a repeatable course?  
   ☐ Yes  ☑ No  
   If yes, this course may be taken ______ times.

   Will this course be repeated within the same semester?  
   ☐ Yes  ☐ No

   Will this course be submitted to the Core Curriculum Council?  
   ☐ Yes  ☑ No

8. How will this course be graded:  
   ☑ Grade  ☐ S/U  ☐ P/F (L/M/D)

9. This course will be:
   a. required for students enrolled in the following degree programs(s) (e.g., B.A. in history)

      MS AGSM, MS BAEN, MEn BAEN, PhD BAEN

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
   • BAEN 623  Nanotech in Food Proc

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>HCL Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>1403010006</td>
<td>0433</td>
<td>17</td>
<td>18  0 0 3 6 3 2</td>
</tr>
</tbody>
</table>

   Approval recommended by:
   Stephen W. Seary  2/5/16
   Department Head or Program Chair (Type Name & Sign)  Date
   Dean of College  3/28/16
   Chair, College Review Committee  Date

Submit to Coordinating Board by:
   Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Nanotechnology in Food Processing
(3 credit hours)
Fall 2016

Instructors: Carmen Gomes, Ph.D.
Assistant Professor, Department of Biological & Agricultural Engineering
303B Scoates Hall
845.2455
carmen@tamu.edu

Matthew Taylor, Ph.D.
Assistant Professor, Department of Animal Science
310-C Kleberg Center
862.7678
matt_taylor@tamu.edu

Office Hours: By appointment.

Course Description & Prerequisites:

This course will discuss fundamental and applied knowledge related to nanoscale systems and technologies utilized in processing of foods. Covered topics include: (1) nanoscale physico-chemical properties of foods; (2) applications, manufacture, and analysis of nanotechnologies for food processing and preservation, and; (3) relevant industrial and regulatory food nanotechnology-associated aspects.

Prerequisites: FSTC 312, 313 (or equivalencies), AGSM/FSTC 315 (or equivalency), or by approval of instructor.

Class Times and Location:
TR 9:35 – 10:50 a.m. RICH 1009

Course Web Site
http://ecampus.tamu.edu/

Course Objectives:

1. Provide sound fundamental and applied understanding of the development, use, and analysis of nanotechnologies for application in food processing.
2. Introduce students to regulatory, industrial, and economic aspects surrounding the use of nanotechnology in food systems.
3. Explore and discuss current and future developments of nanotechnology for use in food processing.
4. Prepare students for exposure to engineered nanotechnologies for use in food processing and preservation.
5. Introduce students to cutting edge research and expertise in food nanotechnology via: (i) assigned readings from the pertinent scientific literature; (ii) guest lectures by subject matter experts, and (iii) site visits to industrial and research facilities engaged in ongoing development of nanotechnology for application in food systems.

Course Learning Outcomes:

At the completion of the course, students should be able to:

1. Identify and describe significant physico-chemical properties of engineered food nanotechnologies, incorporating understanding of appropriate methods of analysis and impact of manipulation of these properties on stability and functionality.
2. Identify the significant regulatory limitations and mechanisms employed in the evaluation of nanotechnologies for application in foods, being able to describe processes by which nanotechnologies are developed and submitted for approval for use in food products.
3. Compare and contrast differing engineered nanotechnologies within an application grouping (e.g., food antimicrobial encapsulation technologies) with regards to strengths and weaknesses, identifying key strengths/weaknesses as related to food industry concerns relevant to that grouping.
4. Discuss the relevant and appropriate industrial processes by which differing nanotechnologies are formulated, analyzed, and manufactured for large-scale use in food processing.
5. Synthesize knowledge gained through the course in order to develop a novel food nanoscale technology, employing learning to describe its design, function, appropriate characterization, and essential testing/analysis for submission for approval for use.

Assignment and Composition of Course Grade:

Grade Composition:

<table>
<thead>
<tr>
<th>Component</th>
<th>Course Weight/Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Exams (2 @ 21.5 % each)</td>
<td>43 %</td>
</tr>
<tr>
<td>Research Proposal &amp; Oral Presentation</td>
<td>30 %</td>
</tr>
<tr>
<td>Homework Assignments (5 @ 5 % each)</td>
<td>25 %</td>
</tr>
<tr>
<td>Short assignments (2 @ 1% each)</td>
<td>2 %</td>
</tr>
</tbody>
</table>

Grade Assignment:

A 90 - 100 %
B 80 - 89 %
C 70 - 79 %
D 60 - 69 %
F <60 %
Textbook:

There is no required textbook for the class. Instructors will hand out learning materials as needed, and students are responsible for gathering additional information and material as necessary to complete course assignments, exams, etc.

Format:

This course will include traditional lectures, discussion, problem-solving activities, and site visits to industrial and research facilities. It is essential to prepare for class by reading assigned materials, to work on homework and short assignments, to attend daily, and to participate in class discussions and activities to do well in the course.

Exams:

There will be two in-class exams (75 minutes) during the semester. Each will contain material covered in lecture, reading assignments and homework. These may include both problems to solve and short answer/multiple choice questions. Exams will be based on individual work and will be closed book and closed notes.

Make-up exams will be given only for those having a university excused absence. See student rule 7. http://student-rules.tamu.edu/rule07
Make-up exams will be scheduled in consultation with the instructor.

Research proposal & oral presentation:

Students will be expected to design a novel nano-engineered material for a food application. More details will be provided later. Students will prepare a research proposal on the project topic they select. Research proposal will be graded based on technical content, paper format based to scientific journal guidelines, references used, and written quality.

Students will give an oral Power Point presentation of their work during the last week of classes. Presentations should last from 10-15 minutes. Presentations will be graded by the class instructor and peers based on quality of the slides, technical content, and delivery. Peers will provide constructive criticism by filling out a survey after the presentations.

Homework and short assignments:

*Homework* will be assigned periodically and must be completed by the start of the class period’s due date. Restate the problem, then work the problem in a neat, logical manner and box final answers (include units). Cite references following scientific journal format. Staple multiple pages and include your name and date at the top of the first page. *Short assignments* will consist of short questionnaires on topics covered in class and one-page reports on site visits and guest lectures. Short assignments must be completed by the start of the following class period.

No *make-up* homework and short assignments will be given. For any assignment missed due to a university excused absence, that assignment will not be included in calculating the final assignment grade. No late homework and short assignments will be accepted. See student rule 7. http://student-rules.tamu.edu/rule07
Absences
You must notify the instructor in advance if possible of any absence by sending an email stating the date and reason for the absence. If you are absent for up to two class periods because of illness or injury, an email message stating the reason for absence will be sufficient. If you are absent from more classes because of illness or injury, verification of a visit to a health care professional may be required. See Student Rule 7. [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07) regarding excused absences.

Course Policies:

- Consistent and punctual attendance is expected of all students in order to help ensure maximal learning for enrolled students. Phones should be silenced so as to prevent possible distraction for other students and instructors.

- Exams will be completed both during class session and via take-home formats. Instructor expectations will be discussed prior to exam dissemination, but all material discussed or assigned will be considered for development of exam questions.

- Throughout the semester, instructors will work to arrange guest lectures by experts from academia and industry, either in person or by phone/video conference. Students are to attend these sessions and record notes from the meeting, as these persons will contribute to the learning of enrolled students.

- Instructors will work to arrange at least one off-campus trip to meet and tour facilities of a firm actively engaged in nanotechnology development and fabrication. This tour will likely require a full day and students will be responsible for arranging their schedules in order to attend the trip. Students concerned about attending the trip due to teaching or research responsibilities must inform instructors at least one week prior to departure so that an alternative assignment may be arranged for the student to complete.

Americans with Disabilities Act Policy

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit [http://disability.tamu.edu](http://disability.tamu.edu).

Academic Integrity Statement

"An Aggie does not lie, cheat or steal, or tolerate those who do."

[www.tamu.edu/aggiehonor](http://www.tamu.edu/aggiehonor)
Lecture Modules

I. Physico-Chemical Nanoscale Properties of Foods
   a. Food nanotechnology: definitions, significance of field, brief historical perspectives/review
   b. Processes impacting foods at nano-scale
   c. Seeing and analyzing foods at the nano-scale
   d. Impacts of nano-structure and processes on food quality, processing, safety, and sensory properties

II. Development, application, and analysis of nano-engineered technologies for food
   a. Overview of nanotechnology applied in food systems/industry
   b. Processing and quality applications (emulsion stabilization, delivery of colors, nutrients, bioactives, volatile flavors/odors)
   c. Preservation of safety (chemical/toxicological, microbiological) of foods (antimicrobial delivery systems, biosensor, nanocomposites/active packaging)
   d. Analysis of nanotechnology: perspectives and methods.
      i. Thermodynamic (Calorimetric)
      ii. Chemical (Atomic, FTIR, UV/Vis Spec, Chromatography, X-ray diffraction)
      iii. Physical/Rheological (Microscopy, Size, Flow/Viscosity, Surface tension/Contact angle)
      iv. Electrophoretic (Surface charge/zeta-potential)
   e. Specific food nanotechnology applications and systems
      i. Nanocomposites and active packaging
      ii. Encapsulation systems (Liposomes, micelles, polymeric, microemulsions)
      iii. Nano-scaled biosensors

III. Industrial and regulatory aspects
   a. Manufacturing and scaling of industrial nano-fabrication, quality assurance
   b. Biocompatability with food, allergenicity of nano-materials, biodegradation
   c. Regulatory concerns:
      i. Micro vs. nanoscale components and novel toxicity concerns
      ii. Submission of innovated nanotechnology to federal agency for use in food (FDA, EPA, USDA)
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Subject</th>
<th>Read Assignments/ Homework</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sept. 1 – 5</td>
<td>Sept. 2 - Food nanotechnology definitions, significance of field – Dr. Gomes</td>
<td>Small assignment HW# 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sept. 4 - Food nanotechnology brief historical perspectives/review – Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Sept. 8 - 12</td>
<td>Sept. 9 - Fundamentals – Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sept. 11 – Detecting and analyzing foods at the nanoscale – Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Sept. 15 - 19</td>
<td>Sept. 16 – Processes impacting foods at nano-scale – Dr. Gomes</td>
<td>HW# 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sept. 18 – Processes impacting foods at nano-scale – Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Sept. 22 - 26</td>
<td>Sept. 23 – Impacts of nano-structure and processes on food quality, processing, safety, and sensory properties – Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sept. 26 – Dr. Eric McLamore Seminar</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Sept. 29 – Oct. 3</td>
<td>Sept. 30 – Controlled release – Dr. Gomes</td>
<td>HW#3</td>
</tr>
<tr>
<td></td>
<td>Oct. 3</td>
<td>Oct. 2 – Controlled release – Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Oct. 6 - 10</td>
<td>Oct. 7 – nanocomposites and active packaging – Dr. Gomes</td>
<td>White paper/brief presentation on research project</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oct. 9 Analysis of nanotechnology – thermodynamic and chemical – Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Oct. 13 - 17</td>
<td>Oct. 14 – Analysis of nanotechnology – physical/rheological characterization - Dr. Gomes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oct. 16 - EXAM 1</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Oct. 20 - 24</td>
<td>Oct. 21 – Overview of nanotechnology applied in food systems/industries – Dr. Taylor</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oct. 23 – Preservation of safety of foods – Dr. Taylor</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Oct. 27 - 31</td>
<td>Oct. 28 – processing and quality applications – Dr. Taylor</td>
<td>HW#4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oct. 30 – processing and quality applications – Dr. Taylor</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Nov. 3 - Nov. 7</td>
<td>Oct. 30 – SRI tour – Dr. Taylor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov. 5</td>
<td>Nov. 5 – Dr. Cristina Sabliov seminar</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Nov. 10 - 14</td>
<td>Nov. 11 - nano-scaled biosensors – Dr. Taylor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov. 13</td>
<td>Nov. 13 – EXAM 2</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Nov. 17-21</td>
<td>Nov. 18 – Industrial and regulatory aspects – nanotethics, toxicology and allergy – Dr. Taylor</td>
<td>HW#5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nov. 20 – Industrial and regulatory aspects – regulatory concerns – Dr. Taylor</td>
<td></td>
</tr>
</tbody>
</table>
|     | Nov. 24 - 28 | Nov. 25 – Robert Brummet visit – patent office  
Nov. 28 - THANKSGIVING |
|-----|--------------|--------------------------------------------------|
| 13  | Dec. 1 - 5   | Nov. 2 –Oral presentation (research proposal)  
Nov. 4 – Oral presentation (research proposal)  
Dec. 12 | FINAL 12:30-2:30 p.m. RICH 1009 | Final research paper due. |
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:
   ☐ Undergraduate  ☑ Graduate  ☐ First Professional (Med, JD, PharmD, DMH)

2. Request submitted by (Department or Program Name):
   Department of Biology

3. Course prefix, number and complete title of course:
   BIOL 683 EXPERIMENTAL DESIGN BIOLOGY

4. Catalog course description (not to exceed 50 words):
   Course will provide instruction to the design of scientific research projects in the field of biology; a wide range of biological experiments will be covered and each type of experiment will be designed with an eye toward choosing the appropriate statistical technique for analysis; students will be able to design biological studies that are statistically tractable and perform basic statistical analyses using the statistical programming language R.

5. Prerequisite(s):
   Graduate classification and STAT651 or approval of instructor

   Cross-listed with:  
   Stacked with:  
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  ☐ Yes  ☑ No  
   If yes, from _____ to _____

7. Is this a repeatable course?  ☐ Yes  ☑ No  
   If yes, this course may be taken _____ times.

8. Will this course be repeated within the same semester?  ☐ Yes  ☑ No

9. Will this course be submitted to the Core Curriculum Council?  ☐ Yes  ☑ No

10. How will this course be graded?  ☑ Grade  ☐ S/U  ☐ P/F (CLMD)

11. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
      BIOL
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      PhD and MS in any biological science discipline

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

13. Prefix  Course #  Title (excluding punctuation)
    BIOL  683  EXPERIMENTAL DESIGN BIOLOGY

    | Lect. | Lab | Other | S/C/H | CP and Credit Code | Admin. Unit | Acad. Year | HCE Code |
    |-------|-----|-------|-------|-------------------|-------------|------------|----------|
    | 3.00  | 0.00|       | 3.00  | 26.1102           | 0440        | 16 - 17    | 0 0 3 6 3 2 |

    Approval recommended by:
    ☑ Wayne Varvar  3-24-16
    Department Head or Program Chair (Type Name & Sign)  Date

    Chair, College Review Committee  3-31-16
    Date

    Department Head or Program Chair (Type Name & Sign)  Date
    (if cross-listed course)

    Dean of College  3-31-16
    Date

    Submitted to Coordinating Board by:
    Chair, GCpr UCC  Date

    Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
BIOL689 Experimental Design in Biology

Instructor:
Dr. Adam G. Jones
Office Location: BSBE 118C
Office Phone: 979-845-7774
Email: alones@bio.tamu.edu
Office Hours: by appointment

Learning Objectives:
This course is intended to provide an introduction to the design of scientific research projects in the field of biology. A wide range of biological experiments will be covered, and each type of experiment will be designed with an eye toward choosing the appropriate statistical technique for analysis. At the end of the course, successful students will be able to design biological studies that are statistically tractable and perform basic statistical analyses using the statistical programming language R.

Required Textbook:

Grading:
Grades will be based on 10 homework assignments (10 points each), two exams (100 points each), and class participation (100 points), for a total of 400 points. The breakdown of grades will be: 0-60% = F; 60%-70% = D; 70%-80% = C; 80%-90% = B; 90%-100% = A.

Makeup Assignments:
Makeup assignments will be given only for excused absences. Written documentation will be necessary to show that an absence qualifies as an official excused absence according to TAMU policy. The student must contact the course instructor within 3 days to arrange a makeup assignment or the grade will be converted to a zero.

Americans with Disabilities Act (ADA) Policy Statement:
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu.

Aggie Honor Code:
"An Aggie does not lie, cheat or steal, or tolerate those who do." See http://aggiehonor.tamu.edu.
Topics: (corresponding roughly to one topic per week)

(1) Introduction statistical reasoning: Why do biologists need statistics?
(2) How can we summarize and describe tables of biological data?
(3) Why do we need and how do we use controls in the biological sciences?
(4) What is pseudoreplication and how do I avoid it?
(5) Not everything can be controlled – what can I do?
(6) Estimating allele frequencies, growth rates, and other biological variables.
(7) Analyzing “natural experiments” in the environmental sciences.
(8) Analyzing comparative data in a phylogenetic context.
(9) Comparing growth curves and time sequences.
(10) Genome-wide association studies and quantitative trait locus analysis.
(11) Population genomics and RNA-sequencing.
(12) ChipSeq, genome assembly, and other applications involving huge data sets.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
- Submit original form and attach a course syllabus.

Form Instructions
1. Course request type:
   □ Undergraduate   ☑ Graduate   □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Department of Biomedical Engineering
   BMEN 658: Motion Biomechanics

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   Skeletal anatomy and mechanics; muscle anatomy and mechanics; theory and application of electromyography;
   motion and force measuring equipment and techniques; inverse dynamics modeling of the human body. Emphasis
   in musculoskeletal biomechanics research.

5. Prerequisite(s):
   Graduate classification or consent of instructor.
   Cross-listed with: BMEN 458 (also new)

6. Is this a variable credit course? □ Yes   ☑ No
   If yes, from ________ to ________
7. Is this a repeatable course? □ Yes   ☑ No
   If yes, this course may be taken ________ times.
   Will this course be repeated within the same semester? □ Yes   ☑ No
8. Will this course be submitted to the Core Curriculum Council? □ Yes   ☑ No
9. How will this course be graded? ☑ Grade   □ S/U   □ P/F (CLMD)
10. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

MS BMEN, M.S. Engineering, PhD BMEN

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with those departments. Attach approval letters.
12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)

   BMEN 658  MOTION BIOMECHANICS

   Lec. Lab Other SCH CIP and Fund Code Admin. Unit Acad. Year EIC Code
   3.00  0.00  0.00  3.00  1405010006  0450  17 - 18 0 0 3 6 3 2

   Approval Recommended by: [Signature] 02/18/2016

   Department Head or Program Chair (Type Name & Sign) Date

   Chair, College Review Committee Date

   Department Head or Program Chair (Type Name & Sign) Date

   Dean of College Date

   Submitted to Coordinating Board by: [Signature]

   Chair, GC or UCC Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sancria.williams@tamu.edu.
Curricular Services – 07/14
Course and title: BMEN 458/658 – Motion Biomechanics
Term: Fall 2016
Course Credit: 3 (3-0)
Instructor: Prof. Michael Madigan
Office: 5063 Emerging Technologies Building (ETB)
Office Hours: TR 10:50-11:30 am
E-mail: mlm@tamu.edu
Class Time: T/Th 9:35-10:50 am
Classroom: ETB 5039

Learning Objectives: Students will be able to:
- Explain the anatomy and physiology involved in a muscle contraction
- Describe biomechanical factors that affect muscle force production
- Quantify muscle force, muscle activation timing, and localized muscle fatigue using electromyography and signal processing techniques
- Measure human balance a force platform and signal processing techniques
- Apply rigid-body dynamics to the human body to estimate internal loads on the musculoskeletal system
- Use computer code to analyze data collected in a research laboratory to extract meaningful information
- Describe state-of-the-art equipment used in biomechanics research, including their usefulness and limitations

Course Description: Skeletal anatomy and mechanics; muscle anatomy and mechanics; theory and application of electromyography; motion and force measuring equipment and techniques; inverse dynamics modeling of the human body; current topics in musculoskeletal biomechanics research.

Undergraduate Prerequisite: Junior or senior classification in engineering, and BMEN 207. Students should also have at least a basic proficiency using Matlab.

Graduate Prerequisite: Graduate classification. Students should have at least a basic proficiency using Matlab.

Textbook: There is no required textbook for this class. Frequent handouts will be provided to support lecture material. Supplementary textbooks include:
- Biomechanics and Motor Control of Human Movement. D.A. Winter
- Biomechanics of the Musculoskeletal System. B.M. Nigg & W. Herzog
- Biomechanics and Biology of Movement. Nigg, Macintosh, Mester, Eds
- Neuromechanics of Human Movement. R. Enoka

Attendance Policy: Work missed due to absences will only be excused for University-approved activities in accordance with Texas A&M University Student Rules (http://student-rules.tamu.edu/rule07). You are responsible for all course material presented. A request for a rescheduled assignment must be made at least one week before the regularly scheduled date (except in unavoidable situations, such as a medical emergency consistent with Student Rules).
Grading:

Lab Reports 40%
Tests (2) 25% each
Project 10%

There is no Final Exam for this class

Final grades are expected to be distributed according to the following percentage scale, and may be scaled (curved) to match class performance:

\[ A = 90-100\%, \quad B = 80-89.9\%, \quad C = 70-79.9\%, \quad D = 60-69.9\%, \quad F < 60\% . \]

Course Outline (subject to change as necessary):

- Week 1 Movement terminology, bone and muscle anatomy and physiology
- Week 2 Muscle function, library research skills
- Week 3 Muscle function
- Week 4 Muscle physiology, electromyography
- Week 5 Electromyography signal processing
- Week 6 Force platforms, human balance
- Week 7 Force platform signal processing
- Week 8 Motion analysis systems, link-segment modeling
- Week 9 Kinematic data processing
- Week 10 Kinematic data processing
- Week 11 Inverse dynamics analyses
- Week 12 Project presentations
- Week 13 Project presentations
- Week 14 Inverse dynamics analyses

**Lab Reports:** Each lab will culminate in a lab report that must be written in the format of a typical journal article. It should document the experiment and your results, and answer questions on the lab assignment. You must also quantitatively compare your results to at least two peer-reviewed journal articles in each lab report. (This means you need to explicitly compare some numbers derived from your analysis with numbers from other studies.) You are encouraged to discuss approaches to problems with your classmates, but your final MATLAB code and lab report must be your own independent work. Lab reports should be no longer than 2 pages (one side is a page), and font no smaller than 11 point. Students in BMEN 689 will be required to answer additional questions on lab reports, reference at least five peer-reviewed journal articles in each lab report, and their reports should be no longer than 3 pages.

**Project:** The project consists of a written paper and class presentation summarizing the current state of knowledge on a topic related to musculoskeletal biomechanics. Some possible general topic areas include: falls in the elderly, low back pain/injury, gait, and athletic performance. The paper’s content should also have a healthy amount of quantitative biomechanical data. You are not expected to perform any kind of analysis for this paper. It is meant to be a literature review of a topic of your choosing. During your presentations, your audience is the class (not me) and you will be expected to teach the class about your topic because everyone will be tested over the material presented. The written paper will be a maximum of 3 pages in length (single spaced), and the class presentation will be 10-12 minutes. Your paper should cite at least five references, with at least three different journals and three different sets of investigators. Web pages do not count as references. Assume your audience for the presentation and paper is your class. For students in BMEN 489, you will work in groups of two. For students in BMEN 689, you will work by yourself.

The paper will count as 50% of your project grade, and the presentation 50% of your project grade.
Project Deadlines: All items due at the beginning of class on the due date.

Topic statement: Sept 20
Written paper: TDD
Class presentations: TBD

Americans with Disabilities Act Policy Statement:
The Americans with Disabilities Act is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, located at Students Services @ White Creek, or call 845-1637. For additional information please visit http://disability.tamu.edu.

Academic Integrity Statement:
Aggie Honor Code: “An Aggie does not lie, cheat, or steal or tolerate those who do.” http://aggiehonor.tamu.edu
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: [ ] Undergraduate [ ] Graduate [ ] First Professional (DDS, MD, JD, PharmD, DPM)

2. Request submitted by (Department or Program Name): Department of Teaching, Learning and Culture

3. Course prefix, number and complete title of course: EDCI 715: Academic Writing for International Graduate Students

4. Catalog course description (not to exceed 50 words): Introduction to concepts central to graduate-level writing; designed specifically to benefit those whose native language is not English; exploration of writing productivity strategies and library-based research skills; development of clarity for written expression; improvement in command over textual, rhetorical and discursive conventions common in academic writing genres.

5. Prerequisite(s):

Cross-listed with: Stacked with:

Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? [ ] Yes [ ] No If yes, from _______ to _______

7. Is this a repeatable course? [ ] Yes [ ] No If yes, this course may be taken _______ times.

Will this course be repeated within the same semester? [ ] Yes [ ] No

8. Will this course be submitted to the Core Curriculum Council? [ ] Yes [ ] No

9. How will this course be graded? [ ] Grade [ ] S/U [ ] P/F (CLMD)

10. This course will be:

a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)

b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

M.Ed., M.S., Ph.D. in EDCI

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://pr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix: Course # Title (excluding punctuation):

EDCI 715 Acad Writ Intl Grad

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>HFL Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>1303010004</td>
<td>2804</td>
<td>16</td>
<td>3 6 3 2</td>
</tr>
</tbody>
</table>

Approval recommended by:

Lynda Brandt

Department Head or Program Chair (Type Name & Sign) Date

George Cunningham

Chair, College Review Committee Date

George Cunningham

Dean of College Date

Mark Zoran

Chair, GC or UCC Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Course title and number  EDCI 715: Academic Writing for International Graduate Students  
Term (e.g., Fall 200X)  Spring 2017  
Meeting times and location  TBA  

Course Description and Prerequisites  
Prerequisites: Graduate Classification (G7 or G8)  
This course serves as an introduction to concepts central to graduate-level writing, designed specifically to benefit graduate students for whom English is not a native language. Students in this course will explore writing productivity strategies and library-based research skills, develop clarity of written expression (including grammar and sentence structure), and improve command over textual, rhetorical, and discursive conventions common in academic writing genres. Students will also apply the different tasks that are associated with the writing process (e.g., generating ideas, outlining a draft, revising for word choice, and critiquing research) to various writing situations, including biographical statements, emails, cover letters, book reviews, research statements, curriculum vitae, and a literature review. Students will learn to view writing as an iterative project benefiting from feedback at all stages. Completion of this course should prepare students for independent academic writing at the graduate level as they become members of their respective academic discourse communities.  

Learning Outcomes  
Course learning outcomes are grouped by subtopic. Upon successful completion of the course, students will:  

Genre Specific  
1. Identify the purposes, audiences, organization, and features of common academic genres (research article, book review, introduction, literature review, methodology section, etc.) in their respective fields;  
2. Collect models of high-quality writing in specific genres to use as templates/starting points;  
3. Vary appropriate writing style, vocabulary, and level of formality depending on genre;  

Research Skills  
4. Identify and efficiently use discipline-specific databases and other resources for library-based research (e.g., Refworks);  
5. Locate, analyze, summarize, and synthesize appropriate print and electronic source materials;  
6. Use appropriate conventions for documentation and incorporation of the ideas and words of others according to the standards of their disciplines in order to avoid committing plagiarism;  

Core Writing  
7. Use core writing techniques, including revising for clarity, cohesion, and concision across all genres;  
8. Demonstrate control over tasks fundamental to academic writing, such as defining, describing procedures and processes, presenting and commenting on data, and use reliable and varied evidence to support claims;  
9. Review and correctly use discipline-specific vocabulary and grammatical features commonly found in academic texts;  
10. Use targeted editing techniques to improve self-editing and to provide useful feedback on papers they read, quickly and efficiently;  

Writing Process  
11. Recognize personal strengths and weaknesses within the writing process and identify strategies to improve areas of weakness;  
12. Develop positive, sustainable writing habits to reduce stress and avoidance behaviors, and improve self-efficacy for writing;  
13. Collaborate in a variety of contexts- one-on-one consulting, peer review, text-based interactions, and online collaborative contexts for improving their range of rhetorical prowess and networking through ongoing, individualized and collaborative mentorship;
Written Products
Complete a semester-long sustained research writing assignment that responds to a real and timely project in their graduate careers and at least three genre-analysis writing assignments, all of which demonstrating their critical understanding of each rhetorical situation.

Instructor Information
Name: Dr. Edie Cassell
Telephone number: (512) 968-5313
Email address: cassell@tamu.edu
Office hours: ———
Office location: EDCT 356

Textbook and/or Resource Material

Required Texts

Required “Choice” Texts
Students will select ONE of the following ELEVEN texts for completing the Book Review Writing Assignment. These texts will be introduced in class so that students can preview them. Students can select the text that best matches their goals and needs *


*If you would like to review a book that is NOT on this list for the assignment, you may seek approval from the instructors by providing a written, emailed rationale for your selection.
If you would like to use an earlier edition of a listed text due to availability/price, please seek approval from instructors first, but such requests will likely be approved.

Required Grammar Workshop
This grammar study program will be a series of in-class workshops. Students will take a pre-test on the first two days of class, which consists of: Academic Vocabulary, Grammar & Usage, and a formal writing prompt. Then students will complete a post-test during the final exam period to measure gains.
Required Articles - posted on eCampus
Note: Some articles will be read as in-class exercises and others will be homework assignments.


Grading Policies
Rubrics will be distributed with written assignments. We are focusing equally on process/improvement in writing as well as final products.

A = 90 – 100%;  B = 80 – 89%;  C = 70 – 79%;  D = 60 – 69%;  F = Below 60%

Attendance and Make-up Policies

University Policy
The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused/unexcused absences and make-up work are located on-line at http://student-rules.tamu.edu/rule07.

Class Policy
• In the case of a planned class absence (e.g., travel to a professional conference), arrange beforehand with the instructor.
• In the case of unanticipated class absences (e.g., illness), if possible, please contact the instructor before class via email.
• To be granted an excused absence, provide documentation by the next class meeting. (See guidelines below for documentation). For a single missed absence, the Texas A&M University Explanatory Statement for Absence from Class form may be used. For additional health related absences, obtain confirmation from a health professional.
• Unexcused absences will result in a course reduction of up to one letter grade (10%) per unexcused absence.

Excused Absences are in alignment with TAMU policy
7.1 The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for absence. Among the reasons absences are considered excused by the university are the following:
7.1.6 Injury or illness that is too severe or contagious for the student to attend class.
7.1.6.1 Injury or illness of three or more days. For injury or illness that requires a student to be absent from classes for three or more university business days (to include classes on Saturday), the student should obtain a medical confirmation note from his or her medical provider. The Student Health Center or an off-campus medical professional can provide a medical confirmation note only if medical professionals are involved in the medical care of the student. The medical confirmation note must contain the date and time of the illness and medical professional’s confirmation of needed absence.
7.1.6.2 Injury or illness less than three days. Faculty members may require confirmation of student injury or illness that is serious enough for a student to be absent from class for a period less than three university business days (to include classes on Saturday). At the discretion of the faculty member and/or academic department standard, as outlined in the course syllabus, illness confirmation may be obtained by one or both of the following methods:
   a. TAMU Explanatory Statement for Absence from Class form at http://attendance.tamu.edu
   b. Confirmation of visit to a health care professional affirming date and time of visit.
   7.1.6.3 An absence for a non-acute medical service does not constitute an excused absence.

Arriving Late
Most classes will begin with writing time, so late students may interrupt the concentration of peers. As occasional lateness may be unavoidable, in those cases, simply come in as quietly as possible. If you have a particular cause of chronic lateness (e.g., you are coming from a job and traffic is unpredictable) please speak with us to make a plan of action. If a student has repeated tardies, and does not implement a reasonable plan to correct the problem, we reserve the right to apply the same penalties for additional tardy arrivals as for unexcused absences. In that case, 2 tardies will be considered 1 absence.

Course Topics, Calendar of Activities, Major Assignment Dates

<table>
<thead>
<tr>
<th>Points</th>
<th>Major Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>Writing and Reading Journal (weekly personal goal-setting record and progress tracking)</td>
</tr>
</tbody>
</table>
| 30     | Literature Review  
|        | Article Matrix (5), Introduction, Outline, References (5), First Draft (15), Final Draft (5) |
| 10     | Book Review of Writing-Focused Book |
| 15     | In class Writing Tasks (these represent other and more functional forms of academic writing which follow specific conventions and may include: Teaching Philosophy, Research Statement, Introduction of a Speaker, Formal Email Inquiry, Response to Journal Editor) |
| 10     | Grammar Workshop (certificate of completion) |
| 10     | Class Participation |
| 100    | Total |

CALENDAR OF ACTIVITIES

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Readings Due</th>
<th>Assignments Due</th>
</tr>
</thead>
</table>
| 1.   | Introduction to course syllabus  
|      | Overview of academic writing | Zinsser (2009) *In class*  
|      | Mahreh (2009) *In class* | WRJ |
| 2.   | An approach to academic writing  
|      | Establishing a healthy writing habit | Swales, Unit 1  
|      | Maintaining a writing and reading journal | Goodson, Preface, Ch. 1 |
| 3.   | General-specific/Specific-general texts: Definition and Organization  
|      | Literature Review introduction | Swales, Unit 2  
|      | Library Research (Dr. Elaine Thornton) | Goodson, Ch. 2  
|      | Randolph, 2009 | WRJ |
| 4.   | Problem, process, and solution  
|      | Academic vocabulary and grammar | Swales, Unit 3  
|      | Goodson, Ch. 3 | Goodson, Ch. 3  
|      | Gastel, 1991 | WRJ |
| 5.   | Writing introductions, purpose statements, or specific aims sections  
|      | Writing Effective Argumentation  
|      | Introduction to Book Review Writing | Goodson, Ch. 7  
|      | Gopen & Swan, 1990  
|      | Mahreh, 2000 | Goodson, Ch. 4 | WRJ |
| 6.   | Data commentary- interpretation/discussion  
|      | Editing/Revising at the paragraph level | Swales, Unit 4  
|      | Goodson, Ch. 4 | Article matrix (Step 1 of Literature Review)  
|      | WRJ |
| 7.   | Writing summaries  
|      | Academic writing types: reports, journal articles, books, grant proposals, memos, policies, letters of support, | Swales, Unit 5  
<p>|      | Introduction, outline, references (Step 2 of Lit Review) | WRJ |
|      | | | |</p>
<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Readings Due</th>
<th>Assignments Due</th>
</tr>
</thead>
</table>
| 8    | Writing critiques  
       Academic writing types: opinions, vitae, evaluations, research statements | Swales, Unit 6 | WRJ |
| 9    | Editing/revising at the sentence level | Goodson, Ch. 6  
       Mahreh, 2001a, 2001b | Book review Draft Due  
       WRJ |
| 10   | Getting Feedback & Establishing support for writing | Goodson, Ch. 5 | Book review 2nd Draft  
       WRJ |
| 11   | Constructing a research paper I  
       Abstracts, methods, results, discussions | Swales, Unit 7  
       Goodson, Ch. 8-11 | Final Book Review  
       WRJ |
| 12   | Constructing a research paper II  
       Publication process: responding to revisions & editorship | Swales, Unit 8 | Lit Review (First draft)  
       WRJ |
| 13   | Choosing where to publish  
       Responding to reviewers/feedback |  | Response to feedback  
       WRJ |
| 14   | Writing as an intervention tool  
       (e.g., writing for learning)  
       Academic writing ethics |  | Lit Review (Final draft)  
       WRJ |
| 15   | FINALS WEEK |  | Academic Vocabulary, Grammar & Usage, and Writing Prompt Assessments  
       WRJ |

In accordance with responsive teaching, the course calendar and assignments are a tentative plan and not a binding contract. We aim to follow the provided plan. However, as the semester progresses, we reserve the right to make changes in assignments, readings and due dates based on our professional judgment. Any syllabus changes will be announced in class and announced on eCampus. Students are held responsible for all potential changes, even if absent from class on the day of the announcement.

**Late Work/Extensions**

Extensions MAY be granted (discretion of the course instructors) if requests are a) in writing and b) at least one week prior to the due date.

Late Work: With the exception of in-class writing assignments, homework and outside-of-class assignments are due at the beginning of class. Assignments must be turned in via eCampus. Certain assignments will also need to be brought (hard copy) to class. Work that is late will be reduced in grade at a penalty of up to one letter grade per day. Therefore a 10 point assignment that originally would have scored a 85% (8.5 points out of 10), if turned in 2 days late, would only earn a 65% (6.5 points out of 10). After 10 days past the due date, assignments will not be graded nor given feedback.

In case of a university excused absence (see TAMU Student Rule 7.1 regarding Absences) students will be provided an opportunity to make up any quiz, exam or other work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor. The make-up work must be completed in a timeframe not to exceed 30 calendar days from the last day of the initial absence.

**Other Pertinent Course Information**

**Class Expectations**

1. **Be ready to write**: Arrive at class with the tools that you need to write. Depending on your preference, you can bring paper & pen, tablet, or a laptop (just be sure to have a powercord!). There will be a portion of each class time devoted to writing and we will also be using this as a time to conference individually with students.

2. **Read** all of the assigned material and hopefully other non-assigned relevant reading. Reading good writing is essential for improving your own writing.

3. **Be present** in all classes – both by attending class, and by being mentally engaged in the class and working with peers (e.g., giving feedback).

4. **Have a voice**. Please address the instructors whenever there is a problem related to the class, or when you feel the need to clarify questions or to further explore topics.
5. **Turn off cell phones and email alerts. Do not text or check email, Facebook, or other personally distracting sources during class.** This distracts yourself and your peers who are trying to write. One of the principles of productive writing is developing the discipline to create a sacred time and space for writing that can’t be interrupted by anything less than an emergency.

**Format**
This is a face-to-face workshop style class. Multiple formats will be used including: writer’s workshop, lecture, modeling of writing, guided writing exercises, conferencing with professors, peer feedback and revision, and informal student presentations. eCampus will be used to distribute information and, as needed, for online discussions. The Grammar Workshop will be completed outside of class as an independent workshop plus online, self-paced tutorial. Additionally, approximately one grammar topic will be covered each class based on observed need and student requests.

**Americans with Disabilities Act (ADA)**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit [http://disability.tamu.edu](http://disability.tamu.edu)

**Academic Integrity**
*For additional information please visit: [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu)*

"An Aggie does not lie, cheat, or steal, or tolerate those who do."

**Plagiarism Statement**
As commonly defined, plagiarism consists of passing off as one’s own the ideas, words, writings, etc., which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated. If you have any questions regarding plagiarism, please consult the latest issue of the *Texas A&M University Student Rules*, under the section “Scholastic Dishonesty.”

Within this course, we will discuss topics of citation, quoting, and paraphrasing in detail. For students publishing in education, consult the APA Manual, Edition 6 for proper citation practices. For general information on preventing plagiarism, See: [https://owl.english.purdue.edu/owl/resource/589/02/](https://owl.english.purdue.edu/owl/resource/589/02/)

**Diversity Statement for the Department of Teaching, Learning and Culture**
The Department of Teaching, Learning and Culture (TLAC) does not tolerate discrimination, violence, or vandalism. TLAC is an open and affirming department for all people, including those who are subjected to racial profiling, hate crimes, heterosexism, and violence. We insist that appropriate action be taken against those who perpetrate discrimination, violence, or vandalism. Texas A&M University is an Affirmative Action and Equal Opportunity institution and affirms its dedication to non-discrimination on the basis of race, color, religion, gender, age, sexual orientation, domestic partner status, national origin, or disability in employment, programs, and services. Our commitment to non-discrimination and affirmative action embraces the entire university community including faculty, staff, and students.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
- Submit original form and attach a course syllabus.

1. Course request type: 
   □ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
   
2. Request submitted by (Department or Program Name):
   Department of Teaching, Learning and Culture
   EDCI 752: 21st Century Integration of Theory in Educational Settings

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   Examination of various curricular issues and pedagogical implications encountered by schools and educators in the 21st century classroom; examination of various theoretical frameworks needed to address those issues and implications and advance student understanding.

5. Prerequisite(s):
   Graduate classification; admission to Online EdD in EDCI
   Cross-listed with: 
   Stacked with:
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? 
   □ Yes  □ No  
   If yes, from _________ to _________

7. Is this a repeatable course? 
   □ Yes  □ No  
   If yes, this course may be taken _________ times.

8. Will this course be repeated within the same semester? 
   □ Yes  □ No

9. Will this course be submitted to the Core Curriculum Council? 
   □ Yes  □ No

10. How will this course be graded: 
    □ Grade  □ S/U  □ P/F (CLMD)

11. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
       Ed.D. in EDCI
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
       Ph.D. in EDCI

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
    EDCI  752  21 Century Integration Theory

    \[
    \begin{array}{cccccc}
    \text{Lect.} & \text{Lab} & \text{Other} & \text{SCH} & \text{CIP and Fund Code} & \text{Admin. Unit} \\
    3.00 & 0.00 & 0.00 & 3.00 & 1303010004 & 2804 \\
    \end{array}
    \]

    Approval recommended by:
    Lynn Burch
    Department Head or Program Chair (Type Name & Sign) Date

    George Cunningham
    Chair, College Review Committee Date

    Dean of College Date

    Mark Zoran
    Chair, GC or UCC Date

    Submitted to Coordinating Board by:
    Associate Director, Curricular Services Date

    Effective Date
Course title and number
EDCI 752: 21st Century Integration of Theory in Educational Settings
Term
Summer 2017
Meeting times and location
Online – E-Learning Class, consisting of 6 Modules to be completed during the Summer term.

Instructor Information
Name
James Laub, PhD
Email address
jlaub@ TAMU.edu
Office hours
By appointment, Skype, or email
312 Harrington Tower

Course Description and Prerequisites
This course is designed for graduate students who are working toward a doctoral degree in Curriculum and Instruction.

The course is designed for students to examine various curricular issues and pedagogical implications encountered by schools and educators in the 21st century classroom. Special attention will be given to the various theoretical frameworks needed to address those issues and implications and advance student understanding. Each topic draws attention to significant aspects of pedagogical processes and provides a distinctive means of understanding and managing organizational situations.

The course represents potential topics to be entertained during class sessions and is intended to provide students with a basic framework of pertinent issues to be addressed during the course. These topics and their positions in the schedule should be viewed as a general framework for our discussions and should not be considered firmly restricted to any specific class session. The course will use a collegial, inquiry-based format, allowing learners and the instructor to learn from one another.

The course goals aim to enhance teacher and curriculum leaders’ professional competence and skill set in discovering and solving problems leading to effective solutions to educational problems in school-based settings. Goals include:

(1) analyze and evaluate 21st century educational programs, policies, institutions, and processes.
(2) implement pedagogical and curricular changes to better serve all students effectively and equitably.
(3) promote proactive and best practices to meet the needs of 21st Century schools.
(4) identify best practices and research

Prerequisite: Graduate classification; admission to Online Ed.D. in EDCI

** Syllabus is intended as a guide, not a contract. If it is in the best interest of the class to make revisions, the instructor will do so. The instructor will notify students promptly of any revisions.
**Textbook and/or Resource Material**

**Required Texts:**


**Selected Article/Book Chapter Readings** *(additional resources will be developed)*  
(PDF files of articles will be posted in course content link on eCampus)


Grading Policies and Course Expectations

Punctuality – Class attendance and participation are essential for learning. Only university-excused reasons with required documentation will allow you to make up missed work. 
http://student-rules.tamu.edu/rule07

With the exception of the Comprehensive Final Exam and Discussion Forums, students may elect to complete Module Topic Analysis and Literature Review individually or in small groups.

Module Activities:

Online Discussion Forums – A major goal of this class is for you to be able to articulate your understandings, in writing, publicly and critically about issues and ideas and to question (politely) the positions of others. The expectation is that students should be familiar with all assigned module readings and videos. When reading these materials, they should be prepared to discuss the authors’ most significant points; the practical relevance of the authors’ ideas; and personal questions, concerns, or disagreements regarding the authors’ ideas. After the topic has been introduced during the module period, you will be expected to find additional resources outside of class related to that topic. You will go to the Discussion Forum, describe in some detail the resource that you have read/looked/observed and link the source of the resource to your discussion entry. In your description, please note the reasons why you believe this resource is important to the week’s topic.

Topic Analysis –

Using the concepts and topics explored throughout the module, students will prepare and post a multi-media presentation concerning an educational topic that teachers and curriculum leaders may face in the 21st Century classroom. Students will analyze relevant data sources to identify and describe educational problem(s). Library research will be required. The presentation must address the following:

- What are the main points of topic?
- What are the implications for education?
- What is the relevant research on the topic?
- What are the problem(s) and/or issue(s)?
- Were any specific policies addressed?
- What potential solutions should be developed to address the problem/deficiency?
- Identify any possible ways to evaluate the proposed solutions.
- How would you implement any changes on your campus/district?
- Be specific and stay on point.

Literature Review –

As a companion to your presentation, a literature review must be completed. The literature review should be at least two (3) pages and follow APA 6th ed. style. The literature review is supposed to reflect your research about your topic. It should not be just synopsis of existing work – you should also raise questions based on the work, e.g. possible extensions, counterarguments, etc. This review is practice in both summarizing and critiquing research work in print.

Comprehensive Final Exam:

Students will complete a comprehensive final exam, consisting of open-ended questions, focusing on all concepts and materials covered in class. The exam will be similar to the preliminary exam you will take at the end of your doctoral coursework, prior to advancing into the Record of Study phase. Answers must include cited references/sources and follow APA guidelines. Writing mechanics, grammar and scholarship will be a major part of the grading rubric.
Grading

Collaboration is encouraged; you will not be forced into some type of distribution, normal or otherwise. The grade is based upon (a) participation in module assignments and (b) final comprehensive examination.

<table>
<thead>
<tr>
<th>Category</th>
<th>Specifics</th>
<th>Total Points for that Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module Assignments 1-5</td>
<td>Participation in module assignments: online discussion forums (5 @ 20 points each) topic analyses (5 @ 50 points each) literature reviews (5 @ 50 points each)</td>
<td>600</td>
</tr>
<tr>
<td>Comprehensive Final Exam – Module 6</td>
<td>Exam will be based on a culmination of readings and topics from Modules 1 - 5</td>
<td>400</td>
</tr>
</tbody>
</table>

Grade Distribution

900 -1000   A
800 - 899   B
700 - 799   C
600 -699    D
<600        F

Schedule of Readings, Topics and Assignments

<table>
<thead>
<tr>
<th>Module Opens</th>
<th>Readings</th>
<th>Topics</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Ch 1 &amp; 2 – Wan &amp; Gut&lt;br&gt;Ch 1 &amp; 2 – Ravitch&lt;br&gt;PDF articles; videos</td>
<td>Introduction – past and future implications</td>
<td>Discussion Board&lt;br&gt;Topic Analysis&lt;br&gt;Literature Review</td>
</tr>
<tr>
<td>June 2nd</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module 2</td>
<td>Ch. 3 &amp; 4 – Wan &amp; Gut&lt;br&gt;Ch 3 – Ravitch&lt;br&gt;PDF articles; videos</td>
<td>21st century students and schools</td>
<td>Discussion Board&lt;br&gt;Topic Analysis&lt;br&gt;Literature Review</td>
</tr>
<tr>
<td>June 16th</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module 3</td>
<td>Ch 5 &amp; 6 – Wan &amp; Gut&lt;br&gt;Ch 4,5 &amp; 7 – Ravitch&lt;br&gt;PDF articles; videos</td>
<td>Policy making and implementation</td>
<td>Discussion Board&lt;br&gt;Topic Analysis&lt;br&gt;Literature Review</td>
</tr>
<tr>
<td>July 1st</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module 4</td>
<td>Ch 7 &amp; 8 – Wan &amp; Gut&lt;br&gt;Ch 6 &amp; 8 – Ravitch&lt;br&gt;PDF articles; videos</td>
<td>Needs assessment and reform; accountability</td>
<td>Discussion Board&lt;br&gt;Topic Analysis&lt;br&gt;Literature Review</td>
</tr>
<tr>
<td>July 13th</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module 5</td>
<td>Ch. 9 &amp; 10 – Wan &amp; Gut&lt;br&gt;Ch 9,10 &amp; 11 – Ravitch&lt;br&gt;PDF articles; videos</td>
<td>Curriculum development Implications</td>
<td>Discussion Board&lt;br&gt;Topic Analysis&lt;br&gt;Literature Review</td>
</tr>
<tr>
<td>July 27th</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module 6</td>
<td>Comprehensive Final Exam</td>
<td>Due on August 11th</td>
<td></td>
</tr>
<tr>
<td>August 3rd</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Americans with Disabilities Act

The American with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. This legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.

Diversity Statement for the Department of Teaching, Learning, and Culture:
The Department of Teaching, Learning, and Culture (TLAC) does not tolerate discrimination, violence, or vandalism. TLAC is an open and affirming department for people, including those who are subjected to racial profiling, hate crimes, heterosexism, and violence. We insist that appropriate action is taken against those who perpetuate discrimination, violence, or vandalism. Texas A&M University is dedicated to non-discrimination on the basis of race, color, religion, gender, age, sexual orientation, domestic partner status, national origin, or disability in employment, programs, and services. Our commitment to non-discrimination embraces the entire university community including faculty, staff, and students.

Honor Code

"An Aggie does not lie, cheat or steal or tolerate those who do."

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System. For additional information: http://aggiehonor.tamu.edu

Instructional Technology Services
004C Heldenfels Hall • Texas A&M University • 3002 TAMU
(979) 862-3977 • its@tamu.edu • http://itsinfo.tamu.edu

ONLINE COURSE EVALUATION SURVEYS are required (both mid-term & final)
Bibliography


Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions
1. Course request type: ☐ Undergraduate ☑ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Women's & Gender Studies Program

FILM 694 Gender & Genre
3. Course prefix, number and complete title of course:
4. Catalog course description (not to exceed 50 words):
Exploration and analysis of the ways in which a single literary and/or film genre resonates with gendered perspectives and sexual subjectivity.

5. Prerequisite(s):

Graduate Student Standing
Cross-listed with: WGST 694

Stacked with: ____________________________

Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? ☐ Yes ☑ No
   If yes, from ________ to ________

7. Is this a repeatable course? ☑ Yes ☐ No
   If yes, this course may be taken ________ times.

Will this course be repeated within the same semester? ☐ Yes ☑ No

8. Will this course be submitted to the Core Curriculum Council? ☐ Yes ☑ No

9. How will this course be graded: ☑ Grade ☐ S/U ☐ P/F (CLMD)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

Women's & Gender Studies Program graduate certificate and Film Studies Program graduate certificate

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>FILM</th>
<th>694</th>
<th>Gender &amp; Genre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date 3/1/16

Chair, College Review Committee Date 4/8/16

Dean of College Date 4/11/16

Submitted to Coordinating Board by:

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Gender and Genre (FILM 694-600/ WGST 694-600)
Tue/Thurs ________
Required Film Screening: Thurs 7PM

Fall Semester 2017
Dr. Dan Humphrey
danhumphrey@tamu.edu
305C Bolton Hall
Office Hours: Tuesday, 10:30 a.m. – 12:30 p.m.

Course description: Have you ever noticed how certain genres are associated with certain sexes or with people of certain sexual orientations? Why would it be that straight men are associated with action movies, gay men with Hollywood musicals, straight women with melodrama or romances, lesbians, perhaps more obscurely with gothic romance? The reasons may seem simple… at first. However, the more one looks at them, the more complex (and contestable) these associations can be.

This course will explore and analyze the ways in which a single literary and/or film genre resonates with gendered perspectives and sexual subjectivity. Topics, or specific genres, vary semester to semester. This semester we will focus on the horror film as it has been used to allegorize struggles related to male/female subjectivity and hetero/homosexual desire, asking ourselves if horror allows people, at a pop-cultural level, to address the deepest and most profound fears and fantasies associated with gender and sexuality. Prerequisite: graduate student standing.

Required Texts (Available at the bookstore and Course Reserves at the Evans Annex):
1. *The Monstrous-Feminine: Film, Feminine: Film, Feminism, Psychoanalysis*, Barbara Creed (Routledge, 1993). Listed as MF on this syllabus.
5. Assigned readings are available on electronic reserve through the TAMU Libraries website under “Course Reserves.” These are listed on this syllabus as Online.

Recommended: *A Short Guide to Writing about Film*, Timothy Corrigan (Longman, 2011.)

Please bring a copy of the day’s assigned reading to class.

Course Requirements:

1. **In-Class Presentation** 30 pts.
   Graduate students will offer a full 50 minute in-class presentation on a broad topic of concern to the class (such as psychoanalysis and horror, affect theory and horror, queer theory and horror), chosen in consultation with the instructor. Details on this are forthcoming in a handout. A grading rubric is available on eCampus.

2. **Term Paper** 40 pts.
   Paper topic should be chosen in consultation with the instructor. Minimum 6,000 words. Details on this are forthcoming in a handout. A grading rubric is available on eCampus.

Humphrey Research Paper Rubric
3. Participation  
20 pts.
This portion of the grade includes offering an introduction (5-10 minutes) of two of the evening film screening, for the benefit of the undergraduates. Details on this are forthcoming in a handout. A grading rubric is available on eCampus.

4. Attendance  
10 pts
Regular class attendance, along with attendance at film screenings is crucial to successful completion of this course. If a student has more than three unexcused absences, their final grade will be dropped by five percentage points. It is also the student’s responsibility to provide proper documentation for an absence to count as an excused absence. Go to http://student-rules.tamu.edu/rule07 for more information about what counts as an excused absence.

Grade Breakdown:  A 100–91  B 81–90  C 71–80  D 60–70  E Below 60

Attendance Policy: The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at http://student-rules.tamu.edu/rule07.

Americans with Disabilities Act: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call (979) 845-1637. For additional information, visit http://disability.tamu.edu.

Aggie Honor Code
~ An Aggie does not lie, cheat, or steal or tolerate those who do ~

For more information on the Aggie Honor Code and Texas A & M University’s detailed policies on academic honesty and dishonesty, visit http://aggiehonor.tamu.edu.

Students are expected to act professionally. Being a full-time undergraduate Aggie is, in effect, equivalent to having a career. When in doubt on any issue, a student should ask him or herself how he or she would be expected to act as a professional in the workforce and act accordingly. For instance, students must:

- Turn in all work on time. Late work will be marked down one letter grade per-day for unexcused absences, see http://student-rules.tamu.edu/rule07 for further explanation of unexcused absence.
- Submit written assignments as word-processed documents, while retaining a backup.
- Respect the opinions and emotions of each member of the class.
- Students can likewise expect the instructor to act professionally.

Course schedule

Week 1
Tuesday: Introduction
Thursday: What are Genres?
  - Reading Due: Online: Andrew Tudor, “Genre” and Thomas Sobchack, “Genre Film: A Classical Experience.”
  - 7 PM Screening: The Mummy’s Ghost (Reginald Le Borg, US 1944, 61 min.)

Week 2
Humphrey Research Paper Rubric
Tuesday: Is Horror Political? If So, is it Conservative or Progressive?
  • **Reading Due:** *Online:* Bruce Kawin, “The Mummy’s Pool” and Robin Wood, “The American Nightmare: Horror in the 70s.”

Thursday: Genre and Gender: Demon Mother
  • **Reading Due:** *Online:* Robin Wood, “Horror in the 80s” and Linda Williams, “Film Bodies: Gender, Genre, and Excess.”
  • 7 PM Screening: *Carrie* (Brian De Palma, US 1976, 98 min.)

Week 3
Tuesday: Theories of Horror: Psychoanalysis
  • **Reading Due:** *DoD:* 1-58.
Thursday: Theories of Horror: Psychoanalysis, cont’d.
  • **Reading Due:** *DoD:* 59-83.
  • 7 PM Screening: *Alien* (Ridley Scott, US/UK 1979, 116 min.)

Week 4
Tuesday: The Genre of Sado-Masochism? Horror and Displeasure
  • **Reading Due:** *DoD:* 87-138
Thursday:
  • **Reading Due:** *DoD:* 139-166.
  • 7 PM Screening: *Psycho* (Alfred Hitchcock, US 1960, 109 min.)

Week 5
Tuesday: The Monster Known as Man
  • **Reading Due:** Clover, Introduction and Chapter 1: “Her Body, Himself.”
Thursday: Phallic Horror
  • **Reading Due:** Chapter 2: “Opening Up.”
  • 7 PM Screening: *The Texas Chain Saw Massacre* (Tobe Hooper, US 1974, 88 min.)

Week 6:
Tuesday: The Survivor Known as Woman: The “Final Girl Phenomenon”
  • **Reading Due:** Clover, Chapter 3: “Getting Even.”
Thursday:
  • **Reading Due:** Clover, Chapter 4: “The Eye of Horror” and Afterword.
  • 7 PM Screening: *White of the Eye* (Donald Cammell, US 1987, 110 min.)

Week 7
Tuesday:
  • **Reading Due:** *PP:* Introduction and “Film, Horror and the Primal Uncanny.”
Thursday:
  • **Reading Due:** *PP:* “Film and the Uncanny Gaze.”
  • 7 PM Screening: *The Shining* (Stanley Kubrick, US/UK 1980, 142 min.)

Week 8
Tuesday:
  • **Reading Due:** *PP:* “Man as Womb Monster: Frankenstein, Couvade and the Post-human.”
Thursday:
  • **Reading Due:** *PP:* “Man as Menstrual Monster: Dracula and His Uncanny Brides.”
  • 7 PM Screening: *Bram Stoker’s Dracula* (Francis Ford Coppola, US 1992, 128 min.)

Humphrey Research Paper Rubric
Enjoy Your Spring Break

Week 9
Tuesday: Midterm
Thursday:
  • Reading Due: *PP*: “Freud’s Wolf Man, or the Tale of Granny’s Furry Phallus.”
  • 7 PM Screening: *The Wolf Man* (George Wagener, US 1941, 70 min.)

Week 10
Tuesday:
  • Reading Due: *PP*: “Fear of Fur: Bestiality and the Uncanny Skin Monster.”

Thursday:
  • Reading Due: *PP*: “Freddy’s Fingernails: Child Abuse, Ghosts and the Uncanny.”
  • 7 PM Screening: *A Nightmare on Elm Street* (Wes Craven, US 1984, 91 min.)

Week 11
Tuesday:
  • Reading Due: *PP*: “Jack the Ripper: Modernity and the Uncanny Male Monster.”

Thursday:
  • Reading Due: Benshoff, “Introduction: The Monster and the Homosexual” and Chapter 1: “Defining the Monster Queer in the Classical Hollywood Horror Film.”
  • 7 PM Screening: *The Old Dark House* (James Whale, US 1932, 72 min.)

Week 12
Tuesday:
  • Reading Due: Benshoff, Chapter 2: Shock Treatment: Curing the Monster Queer During World War II” and Chapter 3: Pods, Pederasts, and Perverts.”

Thursday:
  • Reading Due: Benshoff, Chapter 4, “Exposing the Monster Queer to the Sunlight, Circa the 1969 Stonewall Rebellion.”
  • 7 PM Screening: *Theatre of Blood* (Douglas Hickox, UK 1973, 104 min.)

Week 13
Tuesday:
  • Reading Due: *Online*: H. Benshoff, “Vincent Price and Me: Imagining the Queer Male Diva” and Benshoff, Chapter 5: “Satan Span and Out and Proud: Monster Queers in the Postmodern Era.”

Thursday:
  • Reading Due: Benshoff, Epilogue.
  • 7 PM Screening: *Nighbreed* (Clive Barker, US 1990, 102 min.)

Week 14
Tuesday: Research paper due via elearning by 11AM.
  • Reading Due: None. Concentrate on your paper.

Thursday:
  • Reading Due: *Online*: “Judith Halberstam, “Skinflick: Posthuman Gender in Jonathan Demme’s *The Silence of the Lambs.*”
  • 7 PM Screening: *The Silence of the Lambs* (Jonathan Demme, US 1991, 118 min.)

Week 15
Tuesday: Summing Up and Review

Final Exam:
Humphrey Research Paper Rubric
Texas A&M University
Departmental Request for a New Course
Undergraduate + Graduate + Professional
Submit original form and attach a course syllabus.

Form Instructions
1. Course request type:
   - [ ] Undergraduate
   - [ ] Graduate
   - [ ] First Professional (MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Department of Finance
   FINC 606, Options, Futures and Other Derivatives

3. Course prefix, number and complete title of course:

4. Catalog course description (do not exceed 50 words):
   Understanding the role of derivative contracts (forwards, futures, swaps, options) and how they function; pricing contracts via arbitrage; examination of derivatives using risk management; examination of material from the point of view of the arbitrageur and hedger, as opposed to the speculator; examination of speculative trading strategies in the options market.

5. Prerequisite(s):
   [ ] N/A
   [ ] Stacked with: N/A
   Cross-listed with: N/A
   [ ] Stacked with: N/A
   [ ] Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?
   - [ ] Yes
   - [x] No
   If yes, from ______ to ______

7. Is this a repeatable course?
   - [ ] Yes
   - [x] No
   If yes, this course may be taken ______ times.

8. Will this course be repeated within the same semester?
   - [ ] Yes
   - [x] No

9. Will this course be substituted to the Core Curriculum Council?
   - [ ] Yes
   - [ ] No

10. How will this course be graded?
    - [ ] Grade
    - [ ] S/U
    - [ ] Pass/Fail

11. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
       Master of Science in Finance
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
       [ ] N/A

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with those departments. Attach addenda.

13. FINC 606 Options, Futures and Other Derivatives

<table>
<thead>
<tr>
<th>Lect</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>3</td>
<td>520070018</td>
</tr>
</tbody>
</table>

   Approval recommended by:
   [Signature]
   [Date]

   Department Head or Program Chair (Type Name & Sign)
   [Name]
   [Date]

   Chair, College Review Committee
   [Signature]
   [Date]

   Department Head or Program Chair (Type Name & Sign)
   [Name]
   [Date]

   Dean of College
   [Signature]
   [Date]

   Submitted to Coordinating Board by:
   Chair, QC or UCC
   [Signature]
   [Date]

   Associate Director, Curricular Services
   [Signature]
   [Date]

   Effective Date
   [Date]

Questions regarding this form should be directed to Sandra Williams at 845-5201 or sandra.williams@tamu.edu.
Curricular Services - 07/14
Syllabus

Texas A&M University
Finance 606
Mays College of Business
Dr. Detlef Hallermann
Time: TBD
Options, Futures and Other Derivatives
Spring 2018

Course Description and Objectives:

Finance 606 has three main objectives:
1. Understanding how derivatives and their markets function
2. Evaluation/pricing of basic derivative securities
3. Managing risk using derivative contracts

There are four basic derivative contracts: forwards, futures, swaps, and options. By the end of the course, students will have a basic understanding of how these securities function, will learn how these contracts are priced via arbitrage, and will examine how derivatives can be used in risk management. Even though derivative contracts can be and are frequently used to speculate, this course is not designed to analyze how investors obtain and use information to forecast price changes for these instruments. Hence, for most of this course, will examine the material from the point of view of the arbitrageur and hedger, as opposed the speculator. However, we will spend about a week examining speculative trading strategies in the options market.

Prerequisites:

Students enrolled in Finance 606 must be MSF students who have completed FINC 602.

Required Material:

The required text is


Scholastic Dishonesty:

AGGIE CODE OF HONOR: “Aggies will not lie, cheat or steal, nor tolerate those that do”


It is the responsibility of students and instructors to help maintain scholastic integrity at the university by refusing to participate in or tolerate any scholastic dishonesty. Texas A&M is known nationally as a university deep in tradition and integrity. Hence, I will operate under the assumption that scholastic dishonesty does not exist at Texas A&M. Therefore, any type of suspected misconduct will be investigated fully and violations will not be tolerated, as they will be prosecuted to the fullest extent possible.

Please note that as commonly defined, plagiarism is presenting the ideas, words, writings, etc. of another as your own. Hence, if you copy the work of another person and turn it in as your own you have committed plagiarism. Plagiarism is considered one of the worst academic sins, as
it destroys the trust among colleagues without which research and ideas cannot be safely communicated.

Classroom Care:

It is the policy of the college not to allow food, beverages, pets, or the use of tobacco products in the Wehner classrooms. Thank you in advance for your observance of this policy.

Teaching Style:

The instructional style will primarily consist of lectures derived from my notes based upon the text. The lectures are designed to be interactive. Classroom participation is expected and is therefore highly encouraged. Please feel free to ask questions, make observations, or share some of your (relevant) real world experiences. It is my intention to make the classroom environment somewhat informal and relaxed.

In addition, I expect you to be able to follow the pricing and arbitrage proofs as well as understand the intuition behind the problems and how the problems are worked. If you are unsure about a topic PLEASE ASK QUESTIONS. If no one is asking questions, I can only assume that everyone understands the material. If that is the case, I am sure there won't be any problems with my asking the class questions.

Attendance and Classroom Participation:

I expect you to attend class regularly, in accordance with university policy. You are responsible for any material covered, amendments to the syllabus, or announcements made in class, whether you are present or not. I will send around a seating chart on the third day of class. The sole purpose of the seating chart is to assist me with your names.

While I realize that many of you are currently searching for a job, please try to minimize the class time missed due to interviews, as you are responsible for any and all material covered.

If you miss an exam or fail to turn in homework without a valid, documented excuse, you will receive a grade of zero. The exam dates given elsewhere in this syllabus will not be changed. If you do not take an exam on the scheduled date, then you are "responsible for providing satisfactory evidence to the instructor to substantiate the reason for absence." There are eight reasons that absences are considered excused. These are listed in Texas A&M University Regulations and on the TAMU web site at http://student-rules.tamu.edu/rules7.htm. Please read these reasons. Be ready to provide ample satisfactory written evidence demonstrating the reason for your absence. Please be advised that according to University policy you only have 24 hours to contact me after missing a graded assignment in order to ensure that you maintain you fully rights under the policy. Arrange your job interviews, and any necessary travel, on dates other than those on which we have exams.

In addition if the excused absence is a pre-arranged absence, it is better to ask permission than forgiveness. Stated another way, I am more inclined to work with you to preemptively take care of a problem (hence greater leniency) than to fix a problem after it has occurred.

Please keep classroom disturbances to a minimum. I will arrive on time for class and I expect you to do the same. I reserve the right to adjust your grade as I see fit for repeated tardiness. In addition, please turn off all cell phones and pagers before you come into class. The rule of thumb is that if a phone rings in my class, I get to answer it. Obviously, we can make exceptions for emergency situations; just apprise me of the situation before class begins.

CELL PHONES: If your cell phone rings in class, I have the right to answer it. If you are texting enough for me to notice, I have the right to tell you to put your phone away.
Web Site for the Class:

Each set of lecture notes is available from the (evolving) class web site at the eCampus website (www.ecampus.tamu.edu). Students are required to subscribe to the eCampus website for this course. All homework, homework solutions, class notes, sample exams, grades and any other course information will be posted on the eCampus website.

You are expected to download and print a copy of the class notes from the eCampus website. In either case, you are also expected to have reviewed the lecture notes before each class period. In addition to this document, the web site contains each of the homework assignments, your grades to date, sample exam questions, and other relevant course material.

Homework Assignments:

Homework assignments are for the purpose of understanding the material. They will not be graded. HOWEVER, you cannot expect to perform well on the exam without having performed the homework assignment.

Grading:

There will be four closed book examinations for the course as outlined below. The exams will be during class time and during the final exam period as assigned by the university. The first three exams are non-cumulative while the final exam is cumulative. Students are able to drop one of the four exams (students may drop the final).

When a test or graded assignment is returned to you, you have one week from the date of its return to bring to my attention any request for a grade change. All re-grade requests must be fully explained in writing and must be signed by the student. In addition, to the signed request, the original paper must accompany the request for a re-grade. After the one-week deadline has passed, no further grade changes will be made for that particular test or assignment. The purpose of this deadline is not to discourage grade changes, but to assure that any necessary changes are promptly made and to allow you as the student to have an accurate and current indication of your performance in the class. Please note that in the case of excessive request for re-grade, the instructor reserves the privilege of re-grading the entire paper/exam.

Your final grade will be determined by the following weights:

Exam 1 33%
Exam 2 33%
Exam 3 33%
Final Exam 33%

Students with Special Needs:

In addition, if you have any special needs please inform me either after the first day of class or during my office hours for the first week of class. Please do not assume that I will notice your special needs. If you believe you have a disability requiring an accommodation, please contact the Department of student Life, Services for Students with Disabilities in Cain Hall, Room B118, or call 845-1637.
### Schedule of Classes:

<table>
<thead>
<tr>
<th>Week</th>
<th>Chapter</th>
<th>Topic</th>
<th>Assignment Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Chapter 0</td>
<td>Syllabus</td>
<td>eCampus</td>
</tr>
<tr>
<td></td>
<td>Chapter 1</td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 1</td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 2</td>
<td>Futures Markets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 2</td>
<td>Futures Markets</td>
<td></td>
</tr>
<tr>
<td>Week 3</td>
<td>Chapter 2-4</td>
<td>Futures Markets &amp; 4.4</td>
<td></td>
</tr>
<tr>
<td>Week 4</td>
<td>Chapter 2-4</td>
<td>Futures Markets &amp; 4.4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 3</td>
<td>Forwards and Futures Prices</td>
<td></td>
</tr>
<tr>
<td>Week 5</td>
<td>Chapter 3-4</td>
<td>Forwards and Futures Prices &amp; 4.5 – 4.6</td>
<td></td>
</tr>
<tr>
<td>Exam 1</td>
<td>Chapter 5</td>
<td>Interest Rate Futures</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 5</td>
<td>Interest Rate Futures</td>
<td></td>
</tr>
<tr>
<td>Week 7</td>
<td>Chapter 5</td>
<td>Interest Rate Futures</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 6</td>
<td>Swaps</td>
<td></td>
</tr>
<tr>
<td>Week 8</td>
<td>Chapter 6</td>
<td>Swaps</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 6</td>
<td>Swaps</td>
<td></td>
</tr>
<tr>
<td>Week 9</td>
<td>Review Session</td>
<td>Exam 1 Review</td>
<td></td>
</tr>
<tr>
<td>Exam 2</td>
<td>Chapter 7 &amp; 8</td>
<td>Option Properties</td>
<td></td>
</tr>
<tr>
<td>Week 10</td>
<td>Chapter 9</td>
<td>Option Trading Strategies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 9</td>
<td>Option Trading Strategies</td>
<td></td>
</tr>
<tr>
<td>Week 11</td>
<td>Chapter 10</td>
<td>Binomial Trees</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chapter 10</td>
<td>Binomial Trees</td>
<td></td>
</tr>
<tr>
<td>Week 12</td>
<td>Chapter 11</td>
<td>Binomial Trees</td>
<td></td>
</tr>
<tr>
<td>Exam 3</td>
<td>Chapter 12</td>
<td>Black &amp; Scholes &amp; Stock Price Behavior</td>
<td></td>
</tr>
<tr>
<td>Week 13</td>
<td>Chapter 12</td>
<td>Black &amp; Scholes &amp; Stock Price Behavior</td>
<td></td>
</tr>
<tr>
<td>Week 14</td>
<td>Chapter 12</td>
<td>Black &amp; Scholes &amp; Stock Price Behavior</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Review Session</td>
<td>Final Exam Review</td>
<td></td>
</tr>
<tr>
<td>Week 15</td>
<td>Final Exam</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FINAL EXAM**

Class Time: TBD, Wehner 187

**Contact Information:**  
Dr. Detlef Hallermann  
Office: Wehner 360  
Office Hours: TBD & by appointment with a confirmation email.  
Office Telephone: 979 845-8963  
Department of Finance Telephone: 979 845-3514  
Fax: 979 845-3884  
Email: dhallermann@mays.tamu.edu

**TA:** TBD  
**Email:** TBD  
**Hours:** TBD
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions
1. Course request type:
   □ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   Mays Business School / Professional MBA Program
   FINC 651 Financial Valuation
3. Course prefix, number and complete title of course:
4. Catalog course description (not to exceed 50 words):
   Theory and application of various approaches to valuation; measuring and managing the value of corporations; principles of value creation; fundamental valuation methodology; application of value creation principles to managerial problems; special cases and complex valuation issues.

5. Prerequisite(s):
   Cross-listed with:
   Stacked with:
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  □ Yes  □ No
   If yes, from ___ to ___
7. Is this a repeatable course?  □ Yes  □ No
   If yes, this course may be taken ___ times.
8. Will this course be repeated within the same semester?  □ Yes  □ No
9. Will this course be submitted to the Core Curriculum Council?  □ Yes  □ No
10. How will this course be graded:  □ Grade  □ S/U  □ P/F (CLME)

11. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
       MBA - Professional MBA Program
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

12. □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
    FINC  651  Financial Valuation

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>TACE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>5208010016</td>
<td>110</td>
<td>17</td>
<td>18</td>
</tr>
</tbody>
</table>

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date

Chair or College Review Committee Date

Department Head or Program Chair (Type Name & Sign) Date

Dean of College Date

Submitted to Coordinating Board by:

Chair, GC or UCC Date

Associate Director, Curricular Services Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Course Description and Learning Objectives
Finance 651 is an intensive course covering three different approaches to valuation: intrinsic valuation, relative valuation, and option pricing valuation. These methods will be applied to various types of real-world companies—public and private, small and large, domestic and international, start-up and established—by building Excel models and using the models to identify sources of value creation. Students who successfully complete the course will be able to select and implement an appropriate valuation strategy for any type of business and use the results of their analysis to prescribe a course of action to maximize corporate value.

Prerequisites
Enrollment in Professional MBA Program at Texas A&M University
FINC 612
You also should be quite comfortable with computer applications, especially Excel.

Required Material
“Corporate Finance”, 3e, by Berk and DeMarzo. (Publisher: Prentice Hall. Published in 2014.)

Also, lecture notes and external course references will be available on the course website.

The class project requires access to Microsoft Excel.

Optional Material
The following books may be useful reference resources.


Academic Integrity

An Aggie does not lie, cheat, or steal, or tolerate those who do.

The Aggie Honor Code affirms that honesty, truthfulness, trust, fairness, respect, moral conduct, and individual responsibility guide the conduct of the Texas A&M community. Commitment to these ideals produces in each of us integrity, which fosters the will to make difficult choices, to accept responsibility for and consequences of our actions, even at great personal cost.

It is the responsibility of both students and instructors to maintain academic integrity by refusing to participate in or tolerate academic misconduct. Committing any of the following acts constitutes academic dishonesty. This list is not exclusive of any other acts that may reasonably be said to constitute scholastic dishonesty.

Cheating: Intentionally using or attempting to use unauthorized materials, information, notes, study aids, or other devices or materials in any academic exercise.

Complicity: Intentionally or knowingly helping (or attempting to help) another to commit an act of academic dishonesty.

Plagiarism: Failing to give appropriate credit for or presenting as your own another person’s words, ideas, results, or processes.

Multiple Submission: Submitting substantial portions of the same work (including oral reports) for credit more than once without authorization from the second instructor.

Falsification: Changing or omitting data or results, or manipulating research materials, equipment, or processes such that the research is not accurately represented in the research record.

Fabrication: Recording or reporting made up data or results, or submitting fabricated documents.

I will proactively promote academic integrity and adhere to the Aggie Honor System Office’s policies pertaining to reporting and adjudication of violations of the Aggie Honor Code. For detailed definitions of academic misconduct and complete Honor Council Rules and Procedures, please visit http://aggiehonor.tamu.edu.

Attendance

I expect you to attend class regularly, in accordance with university policy. I will routinely check attendance. You will be held responsible for any assignments, material covered, amendments to the syllabus, or announcements made in class, whether you are present or not.

If you miss an exam without a valid, documented university excuse, you will receive a grade of zero on that exam. According to university policy, there are exactly eight types of excused absences. These are listed in Texas A&M University Regulations and on the TAMU website at http://student-rules.tamu.edu/rule07:

1) Participation in an activity appearing on the university authorized activity list. (see List of Authorized and Sponsored Activities).

2) Death or major illness in your immediate family.

3) Illness of a dependent family member.

4) Participation in legal proceedings or administrative procedures that require your presence.

5) Religious holy day. (See Student Rules Appendix IV).

6) Injury or Illness that is too severe or contagious for you to attend class.
a) For injury or illness that requires you to be absent from classes for three or more business days, you should obtain a medical confirmation note from your medical provider. The Student Health Center or an off-campus medical professional can provide a medical confirmation note for you. The medical confirmation note must contain the date and time of the illness and medical professional’s confirmation of needed absence.

b) Confirmation is required for injury or illness that causes you to be absent from class for less than three business days. Illness confirmation may be obtained by one or both of the following methods:

- Texas A&M University Extrinsic Statement for Absence from Class form available at [http://attendance.tamu.edu](http://attendance.tamu.edu) (if you do not see a doctor).
- Confirmation of visit to a health care professional affirming date and time of visit.

c) An absence for a non-acute medical service does not constitute an excused absence.

7) Required participation in military duties.

8) Mandatory admission interviews for professional or graduate school which cannot be rescheduled.

9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.

10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor; questions about Title IX should be directed to the University Title IX Coordinator.

**Makeup Policy**

You can make up an exam only if an absence is excused. To be considered excused, you must notify me in writing (acknowledged e-mail message is acceptable) prior to the date of absence, and provide appropriate documentation for the absence. In cases where advance notification is not feasible (for example, accident or emergency) you must provide notification by the end of the second working day after the absence, including an explanation of why notice could not be sent prior to the class. The fact that these are university-excused absences does not relieve you of responsibility for prior notification and documentation. Failure to notify and/or document properly may result in an unexcused absence. Falsification of documentation is a violation of the Honor Code.

**Grading**

Course grades for Finance 651 will be determined as follows.

<table>
<thead>
<tr>
<th>Item</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Take Home Midterm Exam</td>
<td>35%</td>
</tr>
<tr>
<td>Attendance</td>
<td>10%</td>
</tr>
<tr>
<td>Class Participation</td>
<td>15%</td>
</tr>
<tr>
<td>Take Home Final Exam</td>
<td>40%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Like exams, the maximum possible scores for attendance and class participation is 100 points. Your class participation score will be based on an assessment of your level of preparedness for each class, as indicated by the quality of your responses to questions directed to you in class (rated either satisfactory or unsatisfactory). Even incorrect responses can demonstrate a satisfactory level of preparation. Your class participation score will
be equal to 100, times the percentage of satisfactory ratings received as a percentage of total ratings. Participation ratings will be updated on the course website after each class meeting.
Unexcused absences will lower your attendance score:

<table>
<thead>
<tr>
<th>Number of Unexcused Absences</th>
<th>Attendance Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 or 1</td>
<td>100</td>
</tr>
<tr>
<td>2</td>
<td>50</td>
</tr>
<tr>
<td>3 or more</td>
<td>0</td>
</tr>
</tbody>
</table>

Course grades will follow the standard 90/80/70/60 scale:

<table>
<thead>
<tr>
<th>Points Collected (PC)</th>
<th>Course Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC ≥ 90</td>
<td>A</td>
</tr>
<tr>
<td>90 &gt; PC ≥ 80</td>
<td>B</td>
</tr>
<tr>
<td>80 &gt; PC ≥ 70</td>
<td>C</td>
</tr>
<tr>
<td>70 &gt; PC ≥ 60</td>
<td>D</td>
</tr>
<tr>
<td>60 &gt; PC</td>
<td>F</td>
</tr>
</tbody>
</table>

Graded assignments must be turned in before the deadline to be eligible for full credit. Late assignments are subject to the following penalties.

<table>
<thead>
<tr>
<th>If the assignment is submitted...</th>
<th>Penalty</th>
<th>Maximum Possible Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>before deadline</td>
<td>0%</td>
<td>100%</td>
</tr>
<tr>
<td>1st 24 hours after deadline</td>
<td>20%</td>
<td>80%</td>
</tr>
<tr>
<td>2nd 24 hours after deadline</td>
<td>40%</td>
<td>60%</td>
</tr>
<tr>
<td>3rd 24 hours after deadline</td>
<td>60%</td>
<td>40%</td>
</tr>
<tr>
<td>4th 24 hours after deadline</td>
<td>80%</td>
<td>20%</td>
</tr>
<tr>
<td>5th 24 hours after deadline</td>
<td>100%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Even if you have a documented excused absence, please arrange to submit your assignment by its due date unless an emergency situation makes this impossible. Late assignments accompanied by a documented university excuse will not be subject to penalty.

When any graded work is returned to you, you have one week from the date it is returned to bring any grading errors to the instructor’s attention. After the one-week deadline has passed, no further grade changes will be made for that particular item. The purpose of this deadline is not to discourage grade changes due to errors, but to ensure that any necessary ones are promptly made.

**ADA Policy Statement**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information, visit [http://disability.tamu.edu](http://disability.tamu.edu).
## Course Schedule

### The Value Creation Process

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction and Overview</td>
</tr>
<tr>
<td>1</td>
<td>Approaches to Valuation: Intrinsic Valuation, Relative Valuation, Option-Based Valuation</td>
</tr>
</tbody>
</table>

### Intrinsic Valuation

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Applying Intrinsic Valuation Principles: M&amp;A in Wine Country Simulation</td>
</tr>
<tr>
<td>2</td>
<td>The Cost of Equity Capital: The Risk-Free Rate and Equity Risk Premiums</td>
</tr>
<tr>
<td>3</td>
<td>The Cost of Equity Capital: Using Beta to Estimate Risk Premiums</td>
</tr>
<tr>
<td>3</td>
<td>The Cost of Equity Capital: Estimating Betas</td>
</tr>
<tr>
<td>4</td>
<td>Forecasting Cash Flows: Dividends, Earnings, and Free Cash Flow to Equity (FCFE)</td>
</tr>
<tr>
<td>4</td>
<td>Forecasting Cash Flows: Taxes, CAPEX, and Working Capital</td>
</tr>
<tr>
<td>5</td>
<td>Forecasting Cash Flows: Historical and Estimated Earnings Growth</td>
</tr>
<tr>
<td>5</td>
<td>Forecasting Cash Flows: Growth Drivers and the Role of Reinvestment</td>
</tr>
<tr>
<td>6</td>
<td>Forecasting Cash Flows: Terminal Value</td>
</tr>
<tr>
<td>6</td>
<td>Forecasting Cash Flows: Research and Development, Corporate Governance</td>
</tr>
<tr>
<td>7</td>
<td>Forecasting Cash Flows: Start-up Firms and Young Companies</td>
</tr>
<tr>
<td>7</td>
<td>Forecasting Cash Flows: Distressed Companies</td>
</tr>
</tbody>
</table>

### Relative Valuation

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Relative Valuation Versus Intrinsic Valuation</td>
</tr>
<tr>
<td>8</td>
<td>PE and PEG Ratios</td>
</tr>
<tr>
<td>9</td>
<td>Enterprise Value Multiples</td>
</tr>
<tr>
<td>9</td>
<td>Price to Book Ratios, Revenue Multiples, and Forward Multiples</td>
</tr>
<tr>
<td>10</td>
<td>Choosing A Multiple</td>
</tr>
</tbody>
</table>

### Option Based Valuation

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Principles of Option Pricing and Real Options</td>
</tr>
<tr>
<td>12</td>
<td>The Option to Delay, Patents as Options</td>
</tr>
<tr>
<td>13</td>
<td>Valuing a Natural Resource Company: Option to Expand and Option to Abandon</td>
</tr>
<tr>
<td>14</td>
<td>Valuing Aggregate Equity as an Option</td>
</tr>
</tbody>
</table>
Texas A&M University  
Departmental Request for a New Course  
Undergraduate ♦ Graduate ♦ Professional  
• Submit original form and attach a course syllabus.*

Form Instructions
1. Course request type:  
   □ Undergraduate  ✔ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):  
   Department of Nutrition and Food Science

3. Course prefix, number and complete title of course:  
   FSTC 623: Nanotechnology in Food Processing

4. Catalog course description (not to exceed 50 words):  
   This course will discuss fundamental and applied knowledge related to nanoscale systems and technologies utilized in processing of foods; topics include nanoscale physico-chemical properties of foods, applications, manufacture, and analysis of nanotechnologies for food processing and preservation, and relevant industrial and regulatory food nanotechnology-associated aspects

5. Prerequisite(s):  
   FSTC 312, 313, or 315 or AGSM 315 (or equivalent coursework); or by approval of instructor

   Cross-listed with:  
   BAEN 623

   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  
   □ Yes  ✔ No  
   If yes, from _____ to _____

7. Is this a repeatable course?  
   □ Yes  ✔ No  
   If yes, this course may be taken _____ times.

   Will this course be repeated within the same semester?  
   □ Yes  □ No

8. Will this course be submitted to the Core Curriculum Council?  
   □ Yes  ✔ No

9. How will this course be graded?  
   ✔ Grade  □ S/U  □ P/F (CLMD)

10. This course will be:  
    a. required for students enrolled in the following degree programs(s) (e.g., B.A. in history)

    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

      MAgF FSTC, MS FSTC, MS NUTR, PhD FSTC, PhD NUTR

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ✔ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  
    Course #  
    Title (excluding punctuation)  

    FSTC 623  
    Nanotech in Food Proc

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>EIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>EIC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>0110020005</td>
<td>0433</td>
<td>17</td>
<td>18</td>
</tr>
</tbody>
</table>

Approval recommended by:  
Boon Chew 2/26/16

Department Head or Program Chair (Type Name & Sign)  
Date  
Chair, College Review Committee  
Date  
Dean of College  
Date

Submitted to Coordinating Board by:  
Associate Director, Curricular Services  
Date  
Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Instructors: Carmen Gomes, Ph.D.
Assistant Professor, Department of Biological & Agricultural Engineering
303B Scoates Hall
845.2455
carmen@tamu.edu

Matthew Taylor, Ph.D.
Assistant Professor, Department of Animal Science
310-C Kleberg Center
862.7678
matt_taylor@tamu.edu

Office Hours: By appointment.

Course Description & Prerequisites:

This course will discuss fundamental and applied knowledge related to nanoscale systems and technologies utilized in processing of foods. Covered topics include: (1) nanoscale physico-chemical properties of foods; (2) applications, manufacture, and analysis of nanotechnologies for food processing and preservation, and; (3) relevant industrial and regulatory food nanotechnology-associated aspects.

Prerequisites: FSTC 312, 313 (or equivalencies), AGSM/FSTC 315 (or equivalency), or by approval of instructor.

Class Times and Location:
TR 9:35 – 10:50 a.m. RICH 1009

Course Web Site
http://ecampus.tamu.edu/

Course Objectives:

1. Provide sound fundamental and applied understanding of the development, use, and analysis of nanotechnologies for application in food processing.
2. Introduce students to regulatory, industrial, and economic aspects surrounding the use of nanotechnology in food systems.
3. Explore and discuss current and future developments of nanotechnology for use in food processing.
4. Prepare students for exposure to engineered nanotechnologies for use in food processing and preservation.
5. Introduce students to cutting edge research and expertise in food nanotechnology via: (i) assigned readings from the pertinent scientific literature; (ii) guest lectures by subject matter experts, and (iii) site visits to industrial and research facilities engaged in ongoing development of nanotechnology for application in food systems.

**Course Learning Outcomes:**

*At the completion of the course, students should be able to:*

1. Identify and describe significant physico-chemical properties of engineered food nanotechnologies, incorporating understanding of appropriate methods of analysis and impact of manipulation of these properties on stability and functionality.
2. Identify the significant regulatory limitations and mechanisms employed in the evaluation of nanotechnologies for application in foods, being able to describe processes by which nanotechnologies are developed and submitted for approval for use in food products.
3. Compare and contrast differing engineered nanotechnologies within an application grouping (e.g., food antimicrobial encapsulation technologies) with regards to strengths and weaknesses, identifying key strengths/weaknesses as related to food industry concerns relevant to that grouping.
4. Discuss the relevant and appropriate industrial processes by which differing nanotechnologies are formulated, analyzed, and manufactured for large-scale use in food processing.
5. Synthesize knowledge gained through the course in order to develop a novel food nanoscale technology, employing learning to describe its design, function, appropriate characterization, and essential testing/analysis for submission for approval for use.

**Assignment and Composition of Course Grade:**

*Grade Composition:*

<table>
<thead>
<tr>
<th>Component</th>
<th>Course Weight/Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Exams (2 @ 21.5 % each)</td>
<td>43 %</td>
</tr>
<tr>
<td>Research Proposal &amp; Oral Presentation</td>
<td>30 %</td>
</tr>
<tr>
<td>Homework Assignments (5 @ 5 % each)</td>
<td>25 %</td>
</tr>
<tr>
<td>Short assignments (2 @ 1% each)</td>
<td>2 %</td>
</tr>
</tbody>
</table>

*Grade Assignment:*

- A 90 - 100 %
- B 80 - 89 %
- C 70 - 79 %
- D 60 - 69 %
- F <60 %
Textbook:
There is no required textbook for the class. Instructors will hand out learning materials as needed, and students are responsible for gathering additional information and material as necessary to complete course assignments, exams, etc.

Format:
This course will include traditional lectures, discussion, problem-solving activities, and site visits to industrial and research facilities. It is essential to prepare for class by reading assigned materials, to work on homework and short assignments, to attend daily, and to participate in class discussions and activities to do well in the course.

Exams:
There will be two in-class exams (75 minutes) during the semester. Each will contain material covered in lecture, reading assignments and homework. These may include both problems to solve and short answer/multiple choice questions. Exams will be based on individual work and will be closed book and closed notes.

Make-up exams will be given only for those having a university excused absence. See student rule 7. http://student-rules.tamu.edu/rule07
Make-up exams will be scheduled in consultation with the instructor.

Research proposal & oral presentation:
Students will be expected to design a novel nano-engineered material for a food application. More details will be provided later. Students will prepare a research proposal on the project topic they select. Research proposal will be graded based on technical content, paper format based to scientific journal guidelines, references used, and written quality.

Students will give an oral Power Point presentation of their work during the last week of classes. Presentations should last from 10-15 minutes. Presentations will be graded by the class instructor and peers based on quality of the slides, technical content, and delivery. Peers will provide constructive criticism by filling out a survey after the presentations.

Homework and short assignments:
Homework will be assigned periodically and must be completed by the start of the class period’s due date. Restate the problem, then work the problem in a neat, logical manner and box final answers (include units). Cite references following scientific journal format. Staple multiple pages and include your name and date at the top of the first page. Short assignments will consist of short questionnaires on topics covered in class and one-page reports on site visits and guest lectures. Short assignments must be completed by the start of the following class period.

No make-up homework and short assignments will be given. For any assignment missed due to a university excused absence, that assignment will not be included in calculating the final assignment grade. No late homework and short assignments will be accepted. See student rule 7. http://student-rules.tamu.edu/rule07
Absences
You must notify the instructor in advance if possible of any absence by sending an email stating the date and reason for the absence. If you are absent for up to two class periods because of illness or injury, an email message stating the reason for absence will be sufficient. If you are absent from more classes because of illness or injury, verification of a visit to a health care professional may be required. See Student Rule 7. [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07) regarding excused absences.

Course Policies:

- Consistent and punctual attendance is expected of all students in order to help ensure maximal learning for enrolled students. Phones should be silenced so as to prevent possible distraction for other students and instructors.

- Exams will be completed both during class session and via take-home formats. Instructor expectations will be discussed prior to exam dissemination, but all material discussed or assigned will be considered for development of exam questions.

- Throughout the semester, instructors will work to arrange guest lectures by experts from academia and industry, either in person or by phone/video conference. Students are to attend these sessions and record notes from the meeting, as these persons will contribute to the learning of enrolled students.

- Instructors will work to arrange at least one off-campus trip to meet and tour facilities of a firm actively engaged in nanotechnology development and fabrication. This tour will likely require a full day and students will be responsible for arranging their schedules in order to attend the trip. Students concerned about attending the trip due to teaching or research responsibilities must inform instructors at least one week prior to departure so that an alternative assignment may be arranged for the student to complete.

Americans with Disabilities Act Policy

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit [http://disability.tamu.edu](http://disability.tamu.edu).

Academic Integrity Statement

“An Aggie does not lie, cheat or steal, or tolerate those who do.”

[www.tamu.edu/aggiehonor](http://www.tamu.edu/aggiehonor)
Lecture Modules

I. Physico-Chemical Nanoscale Properties of Foods
   a. Food nanotechnology: definitions, significance of field, brief historical perspectives/review
   b. Processes impacting foods at nano-scale
   c. Seeing and analyzing foods at the nano-scale
   d. Impacts of nano-structure and processes on food quality, processing, safety, and sensory properties

II. Development, application, and analysis of nano-engineered technologies for food
   a. Overview of nanotechnology applied in food systems/industry
   b. Processing and quality applications (emulsion stabilization, delivery of colors, nutrients, bioactives, volatile flavors/odors)
   c. Preservation of safety (chemical/toxicological, microbiological) of foods (antimicrobial delivery systems, biosensor, nanocomposites/active packaging)
   d. Analysis of nanotechnology: perspectives and methods.
      i. Thermodynamic (Calorimetric)
      ii. Chemical (Atomic, FTIR, UV/Vis Spec, Chromatography, X-ray diffraction)
      iii. Physical/Rheological (Microscopy, Size, Flow/Viscosity, Surface tension/Contact angle)
      iv. Electrophoretic (Surface charge/zeta-potential)
   e. Specific food nanotechnology applications and systems
      i. Nanocomposites and active packaging
      ii. Encapsulation systems (Liposomes, micelles, polymeric, microemulsions)
      iii. Nano-scaled biosensors

III. Industrial and regulatory aspects
   a. Manufacturing and scaling of industrial nano-fabrication, quality assurance
   b. Biocompatibility with food, allergenicity of nano-materials, biodegradation
   c. Regulatory concerns:
      i. Micro vs. nanoscale components and novel toxicity concerns
      ii. Submission of innovated nanotechnology to federal agency for use in food (FDA, EPA, USDA)
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Subject</th>
<th>Assignment Notes</th>
</tr>
</thead>
</table>
| 1    | Sept. 1 - 5  | Sept. 2 - Food nanotechnology definitions, significance of field - Dr. Gomes  
|      |              | Sept. 4 - Food nanotechnology brief historical perspectives/review - Dr. Gomes | Small assignment HW# 1                |
| 2    | Sept. 8 - 12 | Sept. 9 - Fundamentals - Dr. Gomes                                      |                                       |
|      |              | Sept. 11 - Detecting and analyzing foods at the nanoscale - Dr. Gomes    |                                       |
| 3    | Sept. 15 - 19| Sept. 16 - Processes impacting foods at nano-scale - Dr. Gomes           | HW# 2                                 |
|      |              | Sept. 18 - Processes impacting foods at nano-scale - Dr. Gomes           |                                       |
| 4    | Sept. 22 - 26| Sept. 23 - Impacts of nano-structure and processes on food quality, processing, safety, and sensory properties - Dr. Gomes  
|      |              | Sept. 26 - Dr. Eric McLamore Seminar                                     |                                       |
| 5    | Sept. 29 - Oct. 3 | Sept. 30 - Controlled release - Dr. Gomes  
|      |              | Oct. 2 - Controlled release - Dr. Gomes                                  | HW#3                                 |
| 6    | Oct. 6 - 10  | Oct. 7 - nanocomposites and active packaging - Dr. Gomes                 | White paper/brief presentation on research project |
|      |              | Oct. 9 Analysis of nanotechnology - thermodynamic and chemical - Dr. Gomes |                                       |
| 7    | Oct. 13 - 17 | Oct. 14 - Analysis of nanotechnology - physical/rheological characterization - Dr. Gomes  
|      |              | Oct. 16 - EXAM 1                                                          |                                       |
| 8    | Oct. 20 - 24 | Oct. 21 - Overview of nanotechnology applied in food systems/industries - Dr. Taylor  
|      |              | Oct. 23 - Preservation of safety of foods - Dr. Taylor                    |                                       |
| 9    | Oct. 27 - 31 | Oct. 28 - processing and quality applications - Dr. Taylor               | HW#4                                 |
|      |              | Oct. 30 - processing and quality applications - Dr. Taylor               |                                       |
| 10   | Nov. 3 - Nov. 7 | Oct. 30 - SRI tour - Dr. Taylor                                          |                                       |
|      |              | Nov. 5 - Dr. Cristina Sabliov seminar                                    |                                       |
| 11   | Nov. 10 - 14 | Nov. 11 - nano-scaled biosensors - Dr. Taylor                            |                                       |
|      |              | Nov. 13 - EXAM 2                                                          |                                       |
| 12   | Nov. 17-21   | Nov. 18 - Industrial and regulatory aspects - nanotethics, toxicology and allergy - Dr. Taylor  
|      |              | Nov. 20 - Industrial and regulatory aspects - regulatory concerns - Dr. Taylor | HW#5                                 |
|    | Nov. 24 - 28 | Nov. 25 – Robert Brummet visit – patent office  
|    |             | Nov. 28 - THANKSGIVING |
| 14 | Dec. 1 - 5  | Nov. 2 – Oral presentation (research proposal)  
|    |             | Nov. 4 – Oral presentation (research proposal) |
|    | Dec. 12     | FINAL 12:30-2:30 p.m. RICH 1009 |
|    |             | Final research paper due. |
Texas A&M University
Departmental Request for a New Course
Undergraduate + Graduate + Professional
* Submit original form and attach a course syllabus.

Form Instructions
1. Course request type:
   - [ ] Undergraduate
   - [ ] Graduate
   - [ ] First Professional
   - [ ] M.S.
   - [ ] P.H.D
   - [ ] Ph.D.

2. Request submitted by (Department or Program Name):
   TX A&M Institute for Neuroscience (TAMIN)-Neuroscience PhD Program (NRSC)
   NRSC 690-601, Theory of Research

3. Course prefix, number and complete title of course:
   VIBS 690-601, Theory of Research

4. Catalog course description (not to exceed 50 words):
   Theory and design of research related to current biomedical problems especially those involving study of animal models of disease. Course topics will include discussions of (1) philosophical perspectives underlying historical advances in biological research, especially pertaining to the study, prevention and treatment of disease, (2) society: science interface: compliance, scientific fraud and misconduct, public perceptions, (3) issues in intellectual property and conflicts of interest, and (4) Grantmanship. Preparation of a submission-ready research proposal is a required activity.

5. Prerequisite(s):
   Cross-listed with:
   VIBS 690-601, Theory of Research

6. Is this a variable credit course? [ ] Yes  [ ] No
   If yes, from _____ to _____

7. Is this a repeatable course? [ ] Yes  [ ] No
   If yes, this course may be taken _____ times.

8. Will this course be repeated within the same semester? [ ] Yes  [ ] No
   Will this course be submitted to the Core Curriculum Council? [ ] Yes  [ ] No

9. How will this course be graded? [ ] A-F  [ ] S/U  [ ] Pass/Fail

10. This course will be:
    a. [ ] required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. [ ] elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D in geography)

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. [ ] I verify that I have reviewed the FAQ for Export Controls Basics for Distance Education (http://www.tamu.edu/resources/export-control-basics-for-distance-education).

13. Faculty
   [ ] NRSC 690 Theory of Research

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Course</th>
<th>Title of Instruction</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRSC</td>
<td>690</td>
<td>Theory of Research</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Unit</th>
<th>Slave</th>
<th>Core</th>
<th>Other</th>
<th>STU</th>
<th>OP</th>
<th>CP</th>
<th>Total</th>
<th>Virtual</th>
<th>Academic Hour</th>
<th>Last Name</th>
<th>Eff Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>3</td>
<td>512-502</td>
<td>200</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>2</td>
<td>10</td>
<td>2-3-16</td>
</tr>
</tbody>
</table>

Approval recommended by:

Jane Walsh
Department Head or Program Chair (Type Name & Sign) 2-3-2016

Evelyn 2-3-2016
Department Head or Program Chair (Type Name & Sign) (if cross-listed course)

Mark Zoran
Chair, Graduate Commission 2-3-16

Mark Zoran
Dean of College 2-3-16

Submitted to Coordinating Board by:

Chair, GC of UCC

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Texas A&M University
Departmental Request for a New Course
Undergraduate + Graduate + Professional
Submit original form and attach a course syllabus.

1. Course request type:
   - Undergraduate
   - Graduate
   - First Professional (DMD, MD, JD, PA, PhD)

2. Request submitted by (Department or Program Name):
   TX A&M Institute for Neuroscience (TAMIN)-Neuroscience PhD Program (NRSC)

3. Course prefix, number and complete title of course:
   NRSC 690-601, Theory of Research

4. Catalog course description (not to exceed 50 words):
   Theory and design of research related to current biomedical problems especially those involving study of animal models of disease. Course topics will include discussions of (1) philosophical perspectives underlying historical advances in biological research, especially pertaining to the study, prevention and treatment of disease, (2) society-scientific interface: compliance, scientific fraud and misconduct, public perceptions, (3) issues in intellectual property and conflicts of interest, and (4) Grantsmanship. Preparation of a submission-ready research proposal is a required activity.

5. Prerequisite(s):
   - Graduate classification
   - Cross-listed with: VIBS 690-601, Theory of Research
   - Stacked with:

6. Is this a variable credit course?
   - Yes
   - No

7. Is this a repeatable course?
   - Yes
   - No

8. Will this course be repeated within the same semester?
   - Yes
   - No

9. Will this course be submitted to the Core Curriculum Council?
   - Yes
   - No

10. How will this course be graded?
    - Grade
    - S/U
    - P/F (CLM)

11. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

13. Prefix: NRSC
    Course #: 690
    Title (excluding punctuation): Theory of Research

<table>
<thead>
<tr>
<th>Mode</th>
<th>Title</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>690</td>
<td>Theory of Research</td>
</tr>
</tbody>
</table>

Approval recommended by:

Jane Welsh
Department Head or Program Chair (Type Name & Sign)
Date

Evelyn Tiffany-Castiglione
Department Head or Program Chair (Type Name & Sign)
Date

Mark Zoran
Chair, College Review Committee
Date

Mark Zoran
Dean of College
Date

Submitted to Coordinating Board by:
Chair, GC or UCC
Date

Associate Director, Curricular Services
Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Course Description.


This course is designed to familiarize graduate students with the historical and philosophical foundations of contemporary biomedical research and provide practical solutions to issues arising in the conduct of research, especially as relates to studies involving humans or animals. Course topics will include discussions of (1) historical and philosophical perspectives underlying advances in biological research, especially pertaining to the study, prevention and treatment of disease, (2) society: science interface: bioethics, compliance, scientific fraud and misconduct, public perceptions of science and scientists, (3) Issues and resolution of personality conflicts among colleagues, and (4) Grantsmanship and publication of scientific studies. During the semester each student will prepare a grant proposal (NIH format) suitable for submission.

Class Grading: Satisfactory/Unsatisfactory
Grades will be determined by two exams (25% each) and a written research proposal (50%).
Satisfactory: Grade scale: A = 90-100; B = 80-89; C = 70-79

Unsatisfactory D = 60-69; F = < 60

Prerequisite: Graduate classification.

**Attendance and Make-up Policies**
Class attendance is expected. Your arrival to the class on-time will be appreciated. Should you arrive late, please enter the classroom as quietly as possible. "The university views class attendance as an individual student responsibility. Students are expected to attend class and to complete all assignments," according to student rule 7 [http://studentrules.tamu.edu/rule07](http://studentrules.tamu.edu/rule07). If the student is seeking an excused absence, "the student must notify his or her instructor in writing (acknowledged e-mail message is acceptable) prior to the date of absence if such notification is feasible." If prior notification is not possible (e.g., emergency), "the student must provide notification by the end of the second working day after the absence." Please refer to University Rules [http://student.rules.tamu.edu](http://student.rules.tamu.edu) for further explanation.

Make-up examinations will only be given for excused absences. The format for make-up examinations will not necessarily be the same as for scheduled examinations; the format will be at the instructor's discretion (e.g. short answer, essay, oral, etc.). The instructor will designate the date and time of makeup examinations.

**Learning outcomes.** By the end of the course, the student will have a firm conceptual grasp of the philosophical history that is foundational to scientific inquiry and the professional/societal
expectations of ethical biomedical research. Students will be familiar with compliance requirements regarding use of human and animal models in research, recombinant DNA, biohazards and intellectual property and will be experienced in composing an NIH-format grant proposal (RO1 format) suitable for submission.

Textbook: Materials will be selected from original literature and online resources. No text required.

Topics to be covered (not necessarily in order).

I. History of scientific research from Aristotle until now. (two lectures)
II. Philosophical foundations of scientific research (two lectures). Inductive and deductive reasoning in the Scientific Method. Hume’s Fork, Occam’s Razor, Popper’s demarcation criterion, big data and Bonferroni.
III. Responsible Conduct of Research (four lectures).
IV. Bioethics in research.
   a. Animal/human subjects (two lectures).
   b. Intellectual property and conflicts of interest (one week).
   c. Scientific mistakes vs misconduct (two lectures)
V. Society and Science (three lectures). Communicating with colleagues and the public. Cheat sheet for clarity in scientific writing.
VI. Grantsmanship and scientific writing (12 lectures).
   a. ORCHID registration; Community of Scholars; Community of Science
   b. Sources of funding; PIVOT, ORCID (one lecture).
   c. Proposal preparation NIH format (all semester).
   d. NIH Proposal review process (one lecture).
   e. Post-award responsibilities.

VIBS 690 LECTURE SCHEDULE SPRING SEMESTER, 2016

Week 1. Introduction to course and History of Science. Why do you want to be a research scientist?

Week 2. Major periods in development of scientific research; how to develop a research hypothesis and identify appropriate funding sources.

Week 3 February 2. Inductive and deductive reasoning and the Scientific Method; How to write an NIH “Specific Aims” section.

Week 4 February 9. Popper’s Demarcation criterion and the problems with big data; How to write NIH “Significance” and “Innovation” sections.

Week 5 February 16. Discussion of selected examples of scientific misconduct. Evaluation of “Specific Aims” compositions.
February 18. Is there a difference between “irresponsible” research, and “fraud and misconduct”?
Evaluation of NIH “Significance” and “Innovation” compositions.


Week 7 March 1 The scientist:public interface; How to communicate with non-scientists. Case studies.

Week 8 March 8. How to write the NIH “Senior/Key person Profiles”, “Biographical sketches” and “Leadership Plan” components. Examination 1.

March 14-18 Spring Break

Week 9 March 22. Guest lecturer from the Texas A&M University Office of Sponsored Research Services (SRS). Compliance issues in biomedical research. How to develop an NIH “PHS 398 Modular Budget” and “Justification”.

Week 10 March 29. Compliance issues in biomedical research. How to write the NIH “Project/Performance Site Locations”, “Facilities and Other Resources” and “Equipment” sections.


Week 12 April 12. Principles and applications of Good Laboratory Practices. Evaluation of the NIH “PHS 398 Modular Budget” and “Justification” compositions.

Week 13 April 19 Discussion topic: why are some scientific results unrepeatable? How to write the NIH SF424 and PHS 398 cover page components.

Week 14 April 26. CLIA certification. Evaluation of “Project/Performance Site Locations”, “Facilities and Other Resources” and “Equipment” sections. Post Award responsibilities.

Week 15 May 3 Proposals due. Final Exam (examination 2).
**Days of religious observance:** By state law, if a student misses class due to an obligation of his or her religion, the absence is excused. (http://policies.tamus.edu/31-04-01.pdf)

**Americans with Disabilities Act (ADA) Policy Statement (Jan 2016)**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu.

**Academic Misconduct**
Plagiarism, as commonly defined, consists of claiming the ideas, words, writings etc of another person as your own work. This means that you are committing plagiarism if you copy work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is on the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated. If you have any questions regarding plagiarism, please consult the latest issue of the Texas A&M University Student Rules, under section “Scholastic Dishonesty”. You are responsible for the information on plagiarism available at on the web at http://library.tamu.edu/services/library_tutorials/academic_integrity/index.html

**Academic Integrity Statement**
Aggie Honor Code “An Aggie does not lie, cheat, or steal or tolerate those who do.”
For more information check the Honor Council Rules and Procedures on the web http://aggiehonor.tamu.edu/

**University Statement on Harassment and Discrimination**
Texas A&M is committed to the fundamental principles of academic freedom, equality of opportunity and human dignity. To fulfill its multiple mission as an institution of higher learning, Texas A&M encourages a climate that values and nurtures collegiality, diversity pluralism and the uniqueness of the individual within our state, nation and world. All decisions and actions involving students and employees should be based on applicable law and individual merit. Texas A&M University, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran status. Individuals who believe they have experienced harassment or discrimination prohibited by this statement, are encouraged to contact the appropriate offices within their respective units. Students should contact the Office of the Dean of Student Life at 845-3113.

**Title IX**
Harassment and discrimination, including sexual harassment and violence, are illegal under federal and state statutes, including but not limited to, Title IX of the Educational Amendment of 1972, and is prohibited by Texas A&M University. Title IX affects all areas of Texas A&M
University and applies to everyone regardless of sexual orientation and gender identity or expression. More information: https://urc.tamu.edu/compliance/SitePages/Title%20IX.aspx/
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions
1. Course request type:
   - Undergraduate
   - Graduate
   - First Professional (DDS, MD, JD, PharmD, D/VMD)
2. Request submitted by (Department or Program Name):
   Harold Vance Department of Petroleum Engineering
3. Course prefix, number and complete title of course:
   PETE 647-Petroleum Thermodynamics
4. Catalog course description (not to exceed 50 words):
   Understanding the principles of bulk equilibrium, bulk non-equilibrium, interfacial, and thin-film thermodynamics in relation to hydrocarbon reservoirs; application in shale gas, shale light oil, heavy oil production, CO2 injection in light and heavy oils, and phase-splitting calculations; complex diffusion processes and species distribution in hydrocarbon reservoirs from irreversible thermodynamics.

5. Prerequisite(s):
   Graduate classification or approval of instructor
   Cross-listed with:
   Stacked with:
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?
   - Yes
   - No
   If yes, from _______ to _______
7. Is this a repeatable course?
   - Yes
   - No
   If yes, this course may be taken _______ times.
8. Will this course be repeated within the same semester?
   - Yes
   - No
9. Will this course be submitted to the Core Curriculum Council?
   - Yes
   - No
10. How will this course be graded?
    - Grade
    - S/U
    - P/F (CLMD)
11. This course will be:
    - a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
      - n/a
    - b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      - graduate students in petroleum engineering
12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.
13. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

Prefix | Course | Title (excluding punctuation) |
--- | --- | --- |
PETE | 647 | Petroleum Thermodynamics

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Alumni Unit</th>
<th>Acad. Year</th>
<th>HCL Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>1425010006</td>
<td>2210</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2</td>
</tr>
</tbody>
</table>

Approval recommended by:
A. D. Hill

Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date

Department Head or Program Chair (Type Name & Sign) (if cross-listed course)
Date
Dean of College Date

Submitted to Coordinating Board by:
Chair, GC or UCC Date

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845 8201 or sandra.williams@tamu.edu.
Curricular Services — 07/14
Course title and number: PETE 647: Petroleum Thermodynamics
Term (e.g., Fall 200X): Fall 2016
Meeting times and location: TR 9:35-10:50, RICH 308

Course Description:
Understanding the principles of bulk equilibrium, bulk non-equilibrium, interfacial, and thin-film thermodynamics in relation to hydrocarbon reservoirs; Applications in shale gas, shale light oil, heavy oil production, CO₂ injection in light and heavy oils, and phase-splitting calculations; Complex diffusion processes and species distribution in hydrocarbon reservoirs from irreversible thermodynamics.

Prerequisites: graduate classification or instructor approval.

Learning Outcomes or Course Objectives:
The objective of the class is to teach thermodynamic principles in relation to hydrocarbon reservoirs and production that will enable the student to achieve differentiating performance as a petroleum engineer.

Instructor Information:

Name: Hadi Nasrabadi, Assistant Professor
Telephone number: 979-862-6483
Email address: hadi.nasrabadi@tamu.edu
Office hours: TR 11:00-11:50 am
Office location: 401Q Richardson Building

Textbook and/or Resource Material:
The main source of material for the course will be presentation slides and other reference material posted on a shared class site.

Grading Policies:

Homework: ................................................................. 50%
Quiz: ........................................................................... 20%
Project: ...................................................................... 30%
Total: ........................................................................ 100%
Grading Scale:
A.................................................................90-100%
B.................................................................80-89%
C.................................................................70-79%
D.................................................................60-69%
F.................................................................0-59%

Course Topics, Calendar of Activities, Major Assignment Dates:

<table>
<thead>
<tr>
<th>Week 1</th>
<th>Introduction and syllabus. Basic Concepts and Equations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 2</td>
<td>Basic Concepts and Equations</td>
</tr>
<tr>
<td>Week 3</td>
<td>Conservation of Mass, Energy, Entropy</td>
</tr>
<tr>
<td>Week 4</td>
<td>Theory of Phase Equilibria in Hydrocarbon Reservoirs</td>
</tr>
<tr>
<td>Week 5</td>
<td>Complex Diffusion Processes from Irreversible Thermodynamics</td>
</tr>
<tr>
<td></td>
<td>o Molecular Diffusion</td>
</tr>
<tr>
<td></td>
<td>o Pressure Diffusion</td>
</tr>
<tr>
<td></td>
<td>o Thermal Diffusion</td>
</tr>
<tr>
<td>Week 6</td>
<td>Natural Convection and Diffusion in Porous Media</td>
</tr>
<tr>
<td>Week 7</td>
<td>Two- and Three-Phase Isothermal Compressibility</td>
</tr>
<tr>
<td></td>
<td>Two- and Three-Phase Partial Molar Volume</td>
</tr>
<tr>
<td>Week 8</td>
<td>Phase Stability Analysis</td>
</tr>
<tr>
<td></td>
<td>o Tangent Plane Distance Analysis</td>
</tr>
<tr>
<td></td>
<td>o Gibbs Free Energy Surface Analysis</td>
</tr>
<tr>
<td>Week 9</td>
<td>Two- and Three-Phase Flash Calculations</td>
</tr>
<tr>
<td>Week 10</td>
<td>Direct Minimization of Gibbs Free Energy in Multiphase Flash</td>
</tr>
<tr>
<td>Week 11</td>
<td>Thermodynamics of Asphaltene Precipitation</td>
</tr>
<tr>
<td>Week 12</td>
<td>Cubic-Plus-Association Equation of State</td>
</tr>
<tr>
<td>Week 13</td>
<td>PC-SAFT Equation of State</td>
</tr>
<tr>
<td>Week 14</td>
<td>Gibbs Free Energy of Asphaltene Micellization</td>
</tr>
</tbody>
</table>

Project due date: Wednesday November 30, 2016

Policies and Procedures:
- **Attendance**: Attendance in class is expected. Work missed due to absences will be excused for only University-approved reasons in accordance with Texas A&M University Student Rules (see http://studentrules.tamu.edu/rule07). Specific arrangements for make-up work in such instances will be handled on a case-by-case basis.
- **Homeworks**: Homeworks will be assigned to give opportunity to practice and master concepts and calculations needed for the course. Doing them will help you to do well in quizzes and project.
- **Grading**: Neat, legible, systematic and complete presentation is required in homework assignments, quizzes and project for full credit. Units (for example, Newton-meters) must be included wherever appropriate for numeric quantities. Work which, while possibly correct, cannot be followed, will be considered incorrect. Occasionally, problems will be given out that
earns you extra credit for the class.

- **Getting Help:** Every effort will be made to help you master the course material. The instructor is available during the office hours. If you are unable to meet with him during these hours, please contact him by email to find an alternative time. Also note that the instructor does not provide assistance with homework problems, etc. over the telephone.

- **Americans with Disabilities Act (ADA):** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information visit [http://disability.tamu.edu](http://disability.tamu.edu).

- **Coursework Copyright Statement (Texas A&M University Policy Statement):** The handouts used in this course are copyrighted. By "handouts," this means all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy them, unless you are expressly granted permission.

As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writing, etc., that belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated.

If you have any questions about plagiarism and/or copying, please consult the latest issue of the Texas A&M University Student Rules, under the section “Scholastic Dishonesty”.

- **Academic Integrity:** "An Aggie does not lie, cheat, or steal, or tolerate those who do." Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System. For additional information please visit: [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu)
Texas A&M University  
Departmental Request for a New Course  
Undergraduate • Graduate • Professional  
• Submit original form and attach a course syllabus.  

**Form Instructions**

1. Course request type:  
   - [ ] Undergraduate  
   - [✓] Graduate  
   - [ ] First Professional  

2. Request submitted by (Department or Program Name):  
   Harold Vance Department of Petroleum Engineering  

3. Course prefix, number and complete title of course:  
   PETE 651-Probabilistic Reserves Evaluation  

4. Catalog course description (not to exceed 50 words):  
   Oil and gas reserves definitions and reporting regulations; probabilistic reserves estimation methods; unconventional resources characterization; reserves valuation techniques.  

5. Prerequisite(s):  

   Graduate classification or approval of instructor  

   Cross-listed with:  

   Stacked with: PETE 408-Probabilistic Reserves  

   Cross-listed courses require the signature of both department heads.  

6. Is this a variable credit course?  
   - [ ] Yes  
   - [✓] No  

   If yes, from ________ to ________  

7. Is this a repeatable course?  
   - [ ] Yes  
   - [✓] No  

   If yes, this course may be taken ________ times.  

8. Will this course be repeated within the same semester?  
   - [ ] Yes  
   - [✓] No  

9. Will this course be submitted to the Core Curriculum Council?  
   - [ ] Yes  
   - [✓] No  

10. How will this course be graded?  
   - [✓] Grade  
   - [ ] S/U  
   - [ ] P/F (CLMD)  

11. This course will be:  
   - a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)  
   - [ ] n/a  
   - b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)  
   - [ ] n/a  

   graduate students in petroleum engineering  

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.  

13. [✓] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).  

**Prefix**  
**Course #**  
**PROBABILITY RESERVES EVAL**  

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Emul Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>Effective Date</th>
<th>LICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>1425010006</td>
<td>2210</td>
<td>17 - 18</td>
<td>00 3 6 3 2</td>
<td>Level 6</td>
</tr>
</tbody>
</table>

Approval recommended by:  

A. D. Hill  

Department Head or Program Chair (Type Name & Sign)  
Date  
Chair, College Review Committee  
Date  
Dean of College  
Date  

Submitted to Coordinating Board by:  

Chair, GC or UCC  
Date  

Associate Director, Curricular Services  
Date  

Effective Date  

---  

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.  
Curricular Services – 07/14
Course title and number: PETE 651: Probabilistic Reserves Evaluation
Term: Fall 2016
Meeting times and location: TR 12:45 – 2:00 PM, RICH 1009

Course Description and Prerequisites

Oil and gas reserves definitions and reporting regulations. Probabilistic reserves estimation methods. Unconventional resources characterization. Reserves valuation techniques.

Prerequisites

Graduate classification or approval of instructor

Learning Outcomes and Course Objectives

This course will equip students to classify and categorize petroleum resources properly and to estimate and report these resources (especially reserves) correctly using probabilistic estimation procedures. Students will be able to estimate reserves and non-reserves resource volumes using probabilistic techniques in unconventional (low permeability) resource petroleum accumulations.

Instructor Information

Name: John Lee, Professor
Telephone number: 979.845.2208
Email address: john-lee@tamu.edu
Office hours: Monday and Tuesday, 9:00-11:00 a.m.
Office location: 401P Richardson Building

Textbook and/or Resource Material


Grading Policies

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term papers</td>
<td>20%</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Mid-semester exams (2)</td>
<td>30%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Grading Scale

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100%</td>
</tr>
<tr>
<td>B</td>
<td>80-89%</td>
</tr>
<tr>
<td>C</td>
<td>70-79%</td>
</tr>
<tr>
<td>D</td>
<td>60-69%</td>
</tr>
<tr>
<td>F</td>
<td>0-59%</td>
</tr>
</tbody>
</table>
Course Topics, Calendar of Activities, Major Assignment Dates

Homework will be due before the start of each class, and will be submitted electronically. Late homework will not be accepted without prior approval except in emergencies or approved university absences. Classes will be recorded and students may access the recordings. Students are expected to attend class. Graduate students will submit two term papers during the semester. [http://student-rules.tamu.edu/rule07]

| Week 1 | SPE Petroleum Resources Management System (PRMS) |
| Week 2 | PRMS and SEC reserves reporting requirements |
| Week 3 | Descriptive statistics, basic probability concepts |
| Week 4 | Expected value and decision trees |
| Week 5 | Probability distributions 1; mid-semester exam 1 |
| Week 6 | Probability distributions 2 |
| Week 7 | Overview of probabilistic reserves estimation procedures |
| Week 8 | Monte Carlo simulation 1 |
| Week 9 | Monte Carlo simulation 2 |
| Week 10 | Capen’s alternative to Monte Carlo simulation; mid-semester exam 2 |
| Week 11 | Unconventional resources 1 |
| Week 12 | Unconventional resources 2 |
| Week 13 | Unconventional resources 3 |
| Week 14 | Unconventional resources 4 |
| Week 15 | Final exam |

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information visit [http://disability.tamu.edu].

Coursework Copyright Statement: (Texas A&M University Policy Statement)

The handouts used in this course are copyrighted. By "handouts," this means all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy them, unless you are expressly granted permission.

As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writing, etc., that belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated.

If you have any questions about plagiarism and/or copying, please consult the latest issue of the Texas A&M University Student Rules, under the section "Scholastic Dishonesty".

Academic Integrity

For additional information please visit: [http://aggiehonor.tamu.edu]

"An Aggie does not lie, cheat, or steal, or tolerate those who do."
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:
   ☑ Graduate
   □ Undergraduate
   □ First Professional
   (DOS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Harold Vance Department of Petroleum Engineering

3. Course prefix, number and complete title of course:
   PETE 652-Deterministic Reserves Evaluation

4. Catalog course description (not to exceed 50 words):
   Oil and gas reserves definitions and reporting regulations; deterministic estimation methods; unconventional resources characterization; reserves valuation techniques.

5. Prerequisite(s):
   Graduate classification or approval of instructor

   Cross-listed with: PETE 418-Deterministic Reserves
   (Cross-listed courses require the signature of both department heads.)

6. Is this a variable credit course?
   ☑ No
   □ Yes

   If yes, from _______ to _______

7. Is this a repeatable course?
   ☑ No
   □ Yes

   If yes, this course may be taken _______ times.

   Will this course be repeated within the same semester?
   □ Yes
   ☑ No

8. Will this course be submitted to the Core Curriculum Council?
   □ Yes
   ☑ No

9. How will this course be graded:
   ☑ Grade
   □ S/U
   □ P/F (CLMD)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
      n/a
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      Graduate students in petroleum engineering

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vrp.tamu.edu/resources/export-contrats/export-contrats-basics-for-distance-education).

13. Prefix: PETE
    Course #: 652
    Title (excluding punctuation): DETERMINISTIC RESERVES EVAL

   Lect. | Lab | Other | SCH | GIP and Fund Code | Admin. Unit | Acad. Year | HC Code
   ---- | ---- | ----- | ---- | ------------------ | ----------- | ---------- | ------
   3.00 | 0.00 | 0.00  | 3.00 | 1425010006         | 2210        | 17         | 18 0 3 6 3 2

   Approval recommended by:
   A. D. Hill
   Date: 4/11/16
   Chair, Dean of College
   Date: 4/11/16
   Chair, College Review Committee
   Date: 4/11/16
   Chair, Graduate Council
   Date: 4/11/16
   Chair, GC or UCC
   Date: 4/11/16
   Dean of College
   Date: 4/11/16
   Effective Date: 4/11/16

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 07/14
Course title and number  PETE 652: Deterministic Reserves Evaluation

Term  Spring 2017
Meeting times and location  TBA

Course Description and Prerequisites

Oil and gas reserves definitions and reporting regulations and deterministic estimation methods. Unconventional resources characterization. Reserves valuation techniques.

Prerequisites

Graduate classification or approval of instructor

Learning Outcomes and Course Objectives

This course will equip students to classify and categorize petroleum resources properly and to estimate and report these resources (especially reserves) correctly using deterministic estimation procedures. Students will be able to estimate reserves and non-reserves resource volumes in unconventional (low permeability) resource petroleum accumulations.

Instructor Information

Name  John Lee, Professor
Telephone number  979.845.2208
Email address  john-lee@tamu.edu
Office hours  Monday and Tuesday, 9:00-11:00 a.m.
Office location  401P Richardson Building

Textbook and/or Resource Material

Oil and Gas Property Evaluation, by John D. Wright, published by Thompson and Wright LLC, August 2015, ISBN 978-0-9896749-0-4..

Grading Policies

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term papers</td>
<td>20%</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Mid-semester exams (2)</td>
<td>30%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

Grading Scale

A.................................................. 90-100%
B.................................................. 80-89%
C.................................................. 70-79%
D.................................................. 60-69%
F.................................................. 0-59%
Course Topics, Calendar of Activities, Major Assignment Dates

Homework will be due before the start of each class, and will be submitted electronically. Late homework will not be accepted without prior approval except in emergencies or for university-approved absences. Classes will be recorded and students may access the recordings. Students are expected to attend class. Graduate students will submit two term papers during the semester. http://student-rules.tamu.edu/rule07

| Week 1  | Overview, introduction to PRMS          |
| Week 2  | PRMS (cont’d)                          |
| Week 3  | SEC reserves reporting requirements    |
| Week 4  | Reserves estimation methods            |
| Week 5  | Deterministic reserves examples; Mid-semester Exam 1 |
| Week 6  | Reservoir fluid flow theory review and extension |
| Week 7  | Arps decline models                    |
| Week 8  | Advanced decline analysis              |
| Week 9  | Alternative decline models             |
| Week 10 | Linear flow and Duong model; Mid-semester Exam 2 |
| Week 11 | Decline analysis workflow              |
| Week 12 | RTA workflow, Marcellus example        |
| Week 13 | SPEE Monograph 4                       |
| Week 14 | PUDs and SPEE Monograph 3              |
| Week 15 | Final exam                             |

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information visit http://disability.tamu.edu.

Coursework Copyright Statement: (Texas A&M University Policy Statement)

The handouts used in this course are copyrighted. By "handouts," this means all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy them, unless you are expressly granted permission.

As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writing, etc., that belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated.

If you have any questions about plagiarism and/or copying, please consult the latest issue of the Texas A&M University Student Rules, under the section “Scholastic Dishonesty”.

Academic Integrity

For additional information please visit: http://aggiehonor.ramu.edu

"An Aggie does not lie, cheat, or steal, or tolerate those who do."
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions
1. Course request type: ☐ Undergraduate ☑ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Public Health-Health Policy and Department PHPM
   PHPM 681, Architecture and Health Seminar Series
3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   Discussion and review of current practice in architecture and environmental design and the role of the built environment in the production of health

5. Prerequisite(s):
   Cross-listed with: ARCH 681
   Stacked with:
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? ☐ Yes ☑ No
   If yes, from _______ to _______

7. Is this a repeatable course? ☑ Yes ☐ No
   If yes, this course may be taken ___ times.
   Will this course be repeated within the same semester? ☐ Yes ☐ No
   Will this course be submitted to the Core Curriculum Council? ☑ Yes ☐ No

8. How will this course be graded: ☑ Grade ☐ S/U ☐ F/P (CLMD)

9. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in History)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in Geography)

10. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

11. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

12. Prefix | Course # | Title (excluding punctuation)
   PHPM 681 | Architecture and Health Seminar

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | EICE Code
   1.00 | 1.00 | 5122110014 | 1431 | 17 | 18 | 0 | 0 | 3 | 6 | 3 | 2

13. Department Head or Program Chair (Type Name & Sign) Date
   Chair, College Review Committee Date
   Dean of College Date
   Submitted to Coordinating Board by:
   Chair, GC or UCC Date
   Date Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu
Curricular Services – 07/14
November 10, 2015

Sarah Porter | Program Coordinator
Health Policy and Management, School of Public Health
Texas A&M Health Science Center
MS 1266 | 369 Administration Building
College Station, TX 77843-1266

Dear Ms. Porter:

I believe cross-listing courses is important and useful in a curriculum that emphasizes interdisciplinary study. Cross-listing courses is appropriate when the course is truly interdisciplinary and there is a genuine relationship between departmental listings of the course and the actual content of the course.

Because of this belief, I agree to cross-listing the Architecture for Health lecture series, ARCH 681 and PHPM 689, School of Public Health, Health Science Center, Texas A&M University.

Regards,

Jorge Vanegas, Ph.D.
Professor and Dean
College of Architecture
Instructor Information

Architecture for Health
Seminar Series PHPM 681
Term Fall 2016 and Spring 2017
Fridays 11:30 am-12:20pm
C 105 Langford
Architecture Center

Bita Kash, Ph.D., MBA,
FACHE

979 436 9462
bakash@sph.tamhsc.edu
Wednesdays 10 am - noon
School of Public Health
Administration Building
CHOT Suite 362

Course Description

Discussion and review of current practice in architecture and environmental design and the role of the built environment in the production of health.

Prerequisites

Graduate classification or approval of instructor.

Course Competencies and Objectives

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Course Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learn about the relationship of the built environment and health outcomes at the facility/hospital level</td>
<td>To expose the student to the link of health to the environment and design.</td>
</tr>
<tr>
<td>Understand the association between the built environment and healthy behaviors</td>
<td>To be exposed to weekly visiting experts in the field of environmental health and architecture for health.</td>
</tr>
<tr>
<td>Understand the importance of evidence-based design and facility planning to achieve worker safety and patient safety standards</td>
<td>To interest the student in possibly pursuing a career in environmental health planning, architecture for health, and/or public health.</td>
</tr>
<tr>
<td>Learn from real world examples of health system design focused on production of health world wide</td>
<td></td>
</tr>
</tbody>
</table>

Updated 10/14/15
### Textbook and/or Resource Material

- Architecture
- Business Week
- Design & Health
- Journal of Healthcare Management
- Healthcare Design
- Medical Design & Construction
- Journal of the American Public Health Association
- MCD Medical Construction & Design
- The Economist
- Time
- New York Times
- Wall Street

### Course Topics, Calendar of Activities, Major Assignment Dates

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Required Reading</th>
</tr>
</thead>
</table>
| 1    | Guest Lecturer: D. Kirk Hamilton, FAIA, FACHA, EDAC. Interim Director, Center for Health Systems & Design Professor, Department of Architecture  
Lecturer Topic: Welcome and Introductory Lecture  
Student Discussion to follow | To be assigned by guest lecturer |
| 2    | Guest Lecturer: Ward V. Wells Professor & Head, Department of Architecture  
Texas A&M University  
Lecturer Topic: Practicing Globally, Designing Locally  
Student Discussion to follow | To be assigned by guest lecturer |
| 3    | Guest Lecturer Jay E. Maddock, PhD, FAAHB  
Dean, School of Public Health  
Professor, Department of Environmental and Occupational Health  
Adjunct Professor, Bush School of Government and Public Service  
Lecturer Topic: The Role of the Built Environment in Public Health  
Student Discussion to follow | To be assigned by guest lecturer |
| 4    | Guest Lecturer Bita A. Kash, PhD, MBA, FACHE.  
Director, Center for Health | To be assigned by guest lecturer |

Updated 10/14/15
<table>
<thead>
<tr>
<th>Week</th>
<th>Lecturer</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Jeffrey C. Stouffer, AIA ACHA Executive Vice President &amp; Health Group Director HKS Architects Dallas, Texas</td>
<td>Topic Title to be confirmed, Student Discussion to follow</td>
</tr>
<tr>
<td>6</td>
<td>Tim Adams, FASHE CHFM, CHC Director of Leadership Development, American Society for Healthcare Engineering (ASHE) Chicago, Illinois</td>
<td>Topic Title to be confirmed, Student Discussion to follow</td>
</tr>
<tr>
<td>7</td>
<td>Gary Owens, FAIA, ACHA Senior Principal, FKP Architects Houston, Texas</td>
<td>A Matter of the Heart: An In-Depth Look at Heart Institutes, Student Discussion to follow</td>
</tr>
<tr>
<td>8</td>
<td>Kurt Neubeck, FAIA, LEED AP, EDAC Principal, Page Austin, Texas</td>
<td>Topic Title to be confirmed, Student Discussion to follow</td>
</tr>
<tr>
<td>9</td>
<td>Wynn Huey-Wen Yien, MD, PhD, EMBA Secretary General, Taiwan Society of Critical Care Medicine CEO, Yonglin Healthcare Foundation Director, Yonglin X Lab Taipei, Taiwan</td>
<td>An ICU Doctor's Nine-Year Journey: Design and Construction of the National Taiwan University Cancer Hospital, Taipei, Student Discussion to follow</td>
</tr>
</tbody>
</table>
| 10 | Guest Lecturer  
John A. Becker, MHA, FACHE, FHFI  
Director, Facilities Division  
Defense Health Agency  
Falls Church, Virginia  
Lecturer Topic: Topic title to be confirmed  
Student Discussion to follow | To be assigned by guest lecturer |
|----|-------------------------------------------------|
| 11 | Chris Grossnicklaus, AIA  
Associate, CallisonRTKL Associates  
Dallas, Texas  
Lecturer Topic: Elevating the Treatment Experience: A Look at CallisonRTKL’s Specialty Care Facilities  
Lecturer Topic: Elevating the Treatment Experience: A Look at CallisonRTKL’s Specialty Care Facilities  
Student Discussion to follow | To be assigned by guest lecturer |
| 12 | Good Friday - No Lecture | |
| 13 | Guest Lecturer  
Rowlett Lecture  
Organized by the CRS Center.  
George Bush Presidential Conference Center  
Lecturer Topic: Topic title to be confirmed  
Student Discussion to follow | To be assigned by guest lecturer |
| 14 | Guest Lecturer  
Sam Burnette, AIA, EDAC  
Principal, Earl Swensson & Associates (ESA)  
Nashville, Tennessee  
Lecturer Topic: Safe Room 101: Elevating Your Patient Safety Vocabulary  
Student Discussion to follow | To be assigned by guest lecturer |
| Final | No Final | |

**Grading Policies**

(Policies or grading rules should cover late work, grade assignment and weighting, attendance policy, and make-up guidelines. Must include a grading scale (A=90-100, B=80-89, etc.). Changing grading policies should occur only under extraordinary circumstances. If more than 10% of grade is based on participation, syllabus should explicitly define and outline how grade is determined. No statement on a syllabus may contradict university rules regarding attendance, approved absence, etc. You may wish to refer to the Student Rules regarding Academics at http://student-rules.tamu.edu.)

Updated 10/14/15
Student attendance and participation grades will be tracked using a sign-in sheet at every class session. Students will have to sign in when they enter the lecture hall in order to receive credit for attendance and participation.

**Attendance and Make-up Policies**

The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07).

Must include attendance and make-up policy, especially if attendance/class participation will count as a grade. Policies should detail excused absences, unexcused absences, and make-up policies. Attendance and make-up policies should not contradict student rules.

**Other Pertinent Course Information**

Every effort will be made to ensure that power point lecture files, notes, articles and assignments are available online in a timely manner. Written assignments will be delivered thru the Blackboard course website. Handouts, changes in assignments or the schedule of class modules will be announced on the Bb course webpage. E-mail contact will be initiated with all students the first week of class. If you do not have access to your assigned TAMHSC e-mail account, it is your responsibility to make the instructor aware of that fact so that other arrangements may be made. You are expected to use Blackboard e-mail address of all official correspondence.

**eCampus (Blackboard)**

If this course uses eCampus: Within the course's eCampus site you will access the learning materials, tutorials, and syllabus; discuss issues; submit assignments; take quizzes; email other students and the instructor; participate in online activities; and display your projects.

In order to access the course material you will need to go to login into Howdy and then click the eCampus button on the top right or look for Quick Links on the bottom of the School's homepage or go to [http://ecampus.tamu.edu](http://ecampus.tamu.edu). Please do not contact your instructor with technical problems. If you are having a technical problem with the course, review the Blackboard Learn Tutorials (at the top-right of School's Office of Academic Assessment and Instructional Technology website). For login issues (password not working), please contact TAMU Help Desk at helpdesk@tamu.edu via E-mail, or phone to (979) 845-8300. Your eCampus login is the same as your Howdy login (NetID).

**Computer Requirements for Online Courses**
For this and all online courses we recommend the minimum technical requirements outlined on our "SPH Computer Requirements for Online Courses" web page, located at http://www.sph.tamhsc.edu/assessment-instructional/com-requirement.html/distance-education/technicalSpecifications.html

All computing problems or other technical issues not related to eCampus, please contact:

- TAMHSC related account: helpdesk@tamhsc.edu via E-mail, or phone to (979) 862-8029
- TAMU related account: helpdesk@tamu.edu via E-mail, or phone tc (979) 845-8300

Important! Save your work as you go along. Nothing is more discouraging than to lose an assignment due to a computer hang ups! You may want to also make hard copies of your work to have "proof" and save yourself time and trouble!

Plagiarism Virtual Course

Plagiarism is the leading form of academic dishonesty that the School of Public Health has to address. As a SPH student, you are responsible for knowing what plagiarism is and how to avoid it. All SPH students are automatically enrolled in Plagiarism Virtual Course on Blackboard E-Learning. This virtual course provides you with information and examples related to plagiarism in an effort to reduce the number of reported incidents. Please find a tutorial and resources under "Content." In addition, please find Turnitin, a software package that allows you to check whether you may have plagiarized your document. Please see Phuong Huynh: phuong@SPH.tamhsc.edu for additional information.

End of Course Evaluation

Constructive feedback from students on course evaluations is taken very seriously at the School of Public Health. I am asking for your assistance in helping the School in its assessment of courses and faculty through your participation in the evaluation of your courses. As public health professionals you will one day have the responsibility to evaluate colleagues and health initiatives. The School views providing feedback on the School’s courses as part of your professional responsibility.

SPH Mission

The Texas A&M School of Public Health is committed to transforming health through interdisciplinary inquiry, innovative solutions, and development of leaders through the Aggie tradition of service to engage diverse communities worldwide.

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information visit http://disability.tamu.edu

Academic Integrity

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Students are expected to adhere to all TAMUS, TAMU, HSC, and School policies regarding academic integrity and classroom conduct. Academic dishonesty includes, but is not
limited to, cheating, plagiarizing, fabricating information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used, or tampering with the academic work of another student. Individuals found guilty of academic dishonesty may be dismissed from the degree program, and at a minimum will receive an F for the course. It is the student’s responsibility to have a clear understanding of how to reference other individuals’ work, as well as having a clear understanding in general as to the various aspects of academic dishonesty. A tutorial on this issue is available at: http://SPH.tamhsc.edu/academic-affairs/academic-integrity.html. A plagiarism tutorial can be found in Blackboard. Information on the Aggie Honor Code can be found at http://aggiehonor.tamu.edu.

Remember:
“An Aggie does not lie, cheat, or steal, or tolerate those who do.”

FERPA

The Federal Education Rights & Privacy Act requires that we advise students that by registering for this course, their HSC assigned e-mail address will be revealed to classmates and the instructor. By continuing your enrollment in the course you acknowledge your understanding of this policy. By enrolling in this course you agree to the following statement: “I understand that as a result of registering for this course, my HSC/Blackboard assigned e-mail address will be revealed to classmates and the instructor.”

Equal Opportunity Statement

The Texas A&M Health Science Center is an Equal Opportunity/Affirmative Action employer. Inquiries regarding nondiscrimination policies may be directed to the Human Resources Officer by phone at (979) 436-9208, email hr@tamhsc.edu, or by mail at 200 Technology Way, College Station, TX 77845.

DISCLAIMER

This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change. These changes will be communicated via email or posted as announcements. If you have any problems related to this course, please feel free to discuss them with the instructor.

Title IX

Title IX of the Education Amendments of 1972 protects people from sex discrimination in educational programs and activities at institutions that receive federal financial assistance. Texas A&M University and the Texas A&M Health Science Center are committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, the University does not discriminate on the basis of sex in its education programs and activities, and it encourages any student or non-student who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct by another student, member of the faculty or staff, or campus visitor or contractor, to immediately report the incident to any of the individuals persons or offices listed below.

WHERE TO REPORT:
James Nachlinger,
Executive Director, Payroll and HR Services
Title IX Coordinator
979-436-9207
nachlinger@tamhsc.edu

The University encourages students to immediately consult with or report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to the TAMHSC Title IX Coordinator. Students may also report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to any School of Public Health administrator, university administrator, official or unit
supervisor, who is then responsible for promptly notifying any of the above Title IX coordinators of the reported incident.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
- Submit original form and attach a course syllabus.

Form Instructions:
1. Course request type:  
   - Undergraduate
   - Graduate
   - First Professional (e.g., DMD, DO, MD, etc.)
2. Request submitted by (Department or Program Name):
   - Department of Psychology
3. Course prefix, number and complete title of course:
   - PSYC 675 Clinical Psychology and the Legal System
4. Catalog course description (not to exceed 50 words):
   - Survey of theoretical and applied topics relevant to clinical psychology in the legal system; includes assessment of adjudicative competence, criminal responsibility, and risk assessment; as well as correctional psychology and offender rehabilitation.

5. Approval of instructor:
   - Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  
   - Yes
   - No
   - If yes, from _____ to _____

7. Is this a repeatable course?  
   - Yes
   - No
   - If yes, this course may be taken _____ times.
   - Will this course be repeated within the same semester?  
     - Yes
     - No

8. Will this course be submitted to the Core Curriculum Council?  
   - Yes
   - No

9. This course will be:
   - a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   - b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

10. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.
11. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

12. Prefix | Course # | Title (excluding punctuation)
   - PSYC | 675 | Clin Psych and Legal System

   Approval recommended by:
   - Heather Lench

   Department Head or Program Chair (Type Name & Sign) | Date
   - Chair, College Review Committee | Date
   - Dean of College | Date

   Submitted to Coordinating Board by:
   - Chair, GC or UCC | Date

   Associate Director, Curricular Services | Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 04/14
Clinical Psychology and the Legal System (PSYC 675)
Spring 2017

Instructor: Dr. John Edens
Office: Psychology Building, Rm. 207
Phone: 979-845-6097
E-Mail: godnedens@tamu.edu
Office Hours: TBA
Classroom: TBA
Class Time: TBA

Course Description and Prerequisites
This course will provide an overview of the complex intersection between the science and practice of clinical psychology and the legal system. It will introduce students to the methods by which clinical psychologists attempt to answer the various types of questions posed to them by the legal system.

Prerequisite: Approval of instructor

Course Objectives
Specifically, students will:
1. Gain an understanding of how the fields of psychology (particularly clinical psychology) and law intersect in individual and public policy domains.
2. Become familiar with how the courts and the legal system influence the science and practice of psychology at both the individual and systemic level.
3. Gain an understanding of how the fields of psychology and mental health influence the legal system at both the individual and public policy level.
4. Become familiar with important legislation and case law that have helped shape the relationship between the mental health field and the legal system.
5. Gain an appreciation of the applications of psychological research, methods, and practices to various civil and criminal justice and public policy issues (e.g., the relationship between psychopathology and legal incompetence & insanity, personality factors and their relevance to violence risk assessment).

Resource Materials

All assigned readings are available on E-Campus and/or will be provided as pdf files.

Grading Policies
A mid-term and non-comprehensive final examination will be given at the times specified below. Each examination will account for 50% of your total grade. The examinations will be open-book essay questions. Grade ranges for this course are:

A = 90-100%
B = 80-89.9%
C = 70-79.9%
D = 60-69.9%
F = 0-59.9%
Attendance Policy
The University and I expect students to attend all classes and complete all assignments on time. To be provided an opportunity to make up missed work, you must provide written documentation of a University-approved absence, and you must do so in a timely manner. Besides personal illness, a few other acceptable excused absences are allowed with appropriate documentation (e.g., student athletes). For additional information please see Student Rules regarding Academics at http://student-rules.tamu.edu/rule07.

Please Note the Following University Policies

Academic Integrity Statement

Aggie Honor Code

"An Aggie does not lie, cheat, or steal or tolerate those who do."

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the Texas A&M University community from the requirements or the processes of the Honor System. For additional information please visit: http://aggiehonor.tamu.edu

If you are caught cheating or plagiarizing any portion of your assignments you will receive a zero for that assignment (in case of a group assignment all the group will receive zero) and will be reported for scholastic dishonesty.

As commonly defined plagiarism consists of claiming the ideas, words, writings etc. of another person as your own work. This means you are committing plagiarism if you copy another person and turn it in as your own, even if you should have permission of that person. Plagiarism is one of the worst academic sins. If you have any questions regarding plagiarism, please consult the latest issue of the Texas A&M University Student Rules, under the section: Scholastic Dishonesty”.

Americans with Disabilities Act (ADA) Policy Statement
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek complex on west campus or call 979-845-1637. For additional information, visit http://disability.tamu.edu.
TENTATIVE CLASS SCHEDULE

Week 1  Orientation to Psychology and the Legal System


Week 2  Roles of Psychologists in the Legal System


Week 3  Roles of Psychologists in the Legal System (cont’d)

Grisso et al. chapter 1


Week 4  Roles of Psychologists in the Legal System (cont’d)

Grisso et al. chapter 2


Week 5  Ethics and Professional Issues/Conduct


**Week 6 Ethics and Professional Issues/Conduct (cont’d)**


Heilbrun chapter 1

**Week 7 ***Midterm Examination***

**Week 8 Spring Break**

**Week 9 Criminal Competence / Criminal Responsibility (Insanity)**

Grisso et al. chapters 3, 4, & 6


**Week 10 Civil Commitment and Involuntary Treatment**

Grisso et al. chapter 9


**Week 11 Forensic Psychopathology**


*The Prevalence of Co-Occurring Mental Illness and Substance Use Disorders in Jails (2002).* GAINS Center Fact Sheet.

Week 12  Psychology of Crime and Violence / Risk Assessment


Week 13  Psychology of Crime and Violence / Risk Assessment (cont’d)


Week 14  Malingering


Week 15  Police Psychology


Week 16  ***Final Examination***
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions
1. Course request type: □ Undergraduate  ☑ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Women's & Gender Studies Program
3. Course prefix, number and complete title of course: WGST 694 Gender & Genre
4. Catalog course description (not to exceed 50 words):
Exploration and analysis of the ways in which a single literary and/or film genre resonates with gendered perspectives and sexual subjectivity.

5. Prerequisite(s): Graduate Student Standing
Cross-listed with: FILM 694
Stacked with:

6. Is this a variable credit course? □ Yes  ☑ No  If yes, from ________ to ________
7. Is this a repeatable course? ☑ Yes  □ No  If yes, this course may be taken ___ times.

Will this course be repeatable within the same semester? □ Yes  ☑ No

8. Will this course be submitted to the Core Curriculum Council? □ Yes  ☑ No

9. How will this course be graded:  ☑ Grade  □ S/U  □ P/F (CLMD)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

Women's & Gender Studies Program Graduate Certificate and Film Studies Program Graduate Certificate

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>WGST</td>
<td>694</td>
<td>Gender &amp; Genre</td>
</tr>
</tbody>
</table>

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lec.</td>
<td>Lab</td>
<td>Other</td>
<td>SCH</td>
<td>CIP and Fund Code</td>
<td>Admin. Unit</td>
<td>Acad. Year</td>
</tr>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>0.00</td>
<td>3.00</td>
<td>0502990201</td>
<td>1735</td>
<td>17</td>
</tr>
</tbody>
</table>

Approval recommended by:

[Signatures]

Department Head or Program Chair (Type Name & Sign) Date

Chair, College Review Committee Date

Chair, GC or UCC Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Gender and Genre (WGST 694-600/ FILM 694-600)
Tue/Thurs ______
Required Film Screening: Thurs 7PM

Fall Semester 2017
Dr. Dan Humphrey
danhumphrey@tamu.edu
305C Bolton Hall
Office Hours: Tuesday, 10:30 a.m. – 12:30 p.m.

Course description: Have you ever noticed how certain genres are associated with certain sexes or with people of certain sexual orientations? Why would it be that straight men are associated with action movies, gay men with Hollywood musicals, straight women with melodrama or romances, lesbians, perhaps more obscurely with gothic romance? The reasons may seem simple… at first. However, the more one looks at them, the more complex (and contestable) these associations can be.

This course will explore and analyze the ways in which a single literary and/or film genre resonates with gendered perspectives and sexual subjectivity. Topics, or specific genres, vary semester to semester. This semester we will focus on the horror film as it has been used to allegorize struggles related to male/female subjectivity and hetero/homosexual desire, asking ourselves if horror allows people, at a pop-cultural level, to address the deepest and most profound fears and fantasies associated with gender and sexuality. Prerequisite: graduate student standing.

Required Texts (Available at the bookstore and Course Reserves at the Evans Annex):
1. The Monstrous-Feminine: Film, Feminine: Film, Feminism, Psychoanalysis, Barbara Creed (Routledge, 1993). Listed as MF on this syllabus
5. Assigned readings are available on electronic reserve through the TAMU Libraries website under “Course Reserves.” These are listed on this syllabus as Online.

Recommended: A Short Guide to Writing about Film, Timothy Corrigan (Longman, 2011.)

Please bring a copy of the day’s assigned reading to class.

Course Requirements:

1. In-Class Presentation 30 pts.
   Graduate students will offer a full 50 minute in-class presentation on a broad topic of concern to the class (such as psychoanalysis and horror, affect theory and horror, queer theory and horror), chosen in consultation with the instructor. Details on this are forthcoming in a handout. A grading rubric is available on eCampus.

2. Term Paper 40 pts.
   Paper topic should be chosen in consultation with the instructor. Minimum 6,000 words. Details on this are forthcoming in a handout. A grading rubric is available on eCampus.

Humphrey Research Paper Rubric
3. **Participation**
   20 pts.
   This portion of the grade includes offering an introduction (5-10 minutes) of two of the evening film screening, for the benefit of the undergraduates. Details on this are forthcoming in a handout. A grading rubric is available on eCampus.

4. **Attendance**
   10 pts
   Regular class attendance, along with attendance at film screenings is crucial to successful completion of this course. If a student has more than three unexcused absences, their final grade will be dropped by five percentage points. It is also the student’s responsibility to provide proper documentation for an absence to count as an excused absence. Go to http://student-rules.tamu.edu/rule07 for more information about what counts as an excused absence.

**Grade Breakdown:**
- A 100–91
- B 81–90
- C 71–80
- D 60–70
- E Below 60

**Attendance Policy:** The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at http://student-rules.tamu.edu/rule07.

**Americans with Disabilities Act:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, currently located in the Disability Services building at the Student Services at White Creek on campus or call (979) 845-1637. For additional information, visit http://disability.tamu.edu.

**Aggie Honor Code**

~ An Aggie does not lie, cheat, or steal or tolerate those who do ~

For more information on the Aggie Honor Code and Texas A & M University’s detailed policies on academic honesty and dishonesty, visit http://aggiehonor.tamu.edu.

Students are expected to act professionally. Being a full-time undergraduate Aggie is, in effect, equivalent to having a career. When in doubt on any issue, a student should ask him or herself how he or she would be expected to act as a professional in the workforce and act accordingly. For instance, students must:

- **Turn in all work on time.** Late work will be marked down one letter grade per-day for unexcused absences, see http://student-rules.tamu.edu/rule07 for further explanation of unexcused absence.
- Submit written assignments as word-processed documents, while retaining a backup.
- Respect the opinions and emotions of each member of the class.
- Students can likewise expect the instructor to act professionally.

**Course schedule**

**Week 1**
- **Tuesday:** Introduction
- **Thursday:** What are Genres?
  - Reading Due: Online: Andrew Tudor, “Genre” and Thomas Sobchack, “Genre Film: A Classical Experience.”
  - 7 PM Screening: The Mummy’s Ghost (Reginald Le Borg, US 1944, 61 min.)

**Week 2**
Humphrey Research Paper Rubric
Tuesday: Is Horror Political? If So, is it Conservative or Progressive?
- **Reading Due:** *Online*: Bruce Kawin, “The Mummy’s Pool” and Robin Wood, “The American Nightmare: Horror in the 70s.”

Thursday: Genre and Gender: Demon Mother
- **Reading Due:** *Online*: Robin Wood, “Horror in the 80s” and Linda Williams, “Film Bodies: Genre, Genre, and Excess.”
- 7 PM Screening: *Carrie* (Brian De Palma, US 1976, 98 min.)

**Week 3**
Tuesday: Theories of Horror: Psychoanalysis
- **Reading Due:** *DoD*: 1-58.
Thursday: Theories of Horror: Psychoanalysis, cont’d.
- **Reading Due:** *DoD*: 59-83.
- 7 PM Screening: *Alien* (Ridley Scott, US/UK 1979, 116 min.)

**Week 4**
Tuesday: The Genre of Sado-Masochism? Horror and Displeasure
- **Reading Due:** *DoD*: 87-138
Thursday:
- **Reading Due:** *DoD*: 139-166.
- 7 PM Screening: *Psycho* (Alfred Hitchcock, US 1960, 109 min.)

**Week 5**
Tuesday: The Monster Known as Man
- **Reading Due:** Clover, Introduction and Chapter 1: “Her Body, Himself.”
Thursday: Phallic Horror
- **Reading Due:** Chapter 2: “Opening Up.”
- 7 PM Screening: *The Texas Chain Saw Massacre* (Tobe Hooper, US 1974, 88 min.)

**Week 6:**
Tuesday: The Survivor Known as Woman: The “Final Girl Phenomenon”
- **Reading Due:** Clover, Chapter 3: “Getting Even.”
Thursday:
- **Reading Due:** Clover, Chapter 4: “The Eye of Horror” and Afterword.
- 7 PM Screening: *White of the Eye* (Donald Cammell, US 1987, 110 min.)

**Week 7**
Tuesday:
- **Reading Due:** *PP*: Introduction and “Film, Horror and the Primal Uncanny.”
Thursday:
- **Reading Due:** *PP*: “Film and the Uncanny Gaze.”
- 7 PM Screening: *The Shining* (Stanley Kubrick, US/UK 1980, 142 min.)

**Week 8**
Tuesday:
- **Reading Due:** *PP*: “Man as Womb Monster: Frankenstein, Couvade and the Post-human.”
Thursday:
- **Reading Due:** *PP*: “Man as Menstrual Monster: Dracula and His Uncanny Brides.”
- 7 PM Screening: *Bram Stoker’s Dracula* (Francis Ford Coppola, US 1992, 128 min.)

Humphrey Research Paper Rubric
Enjoy Your Spring Break

Week 9
Tuesday: Midterm
Thursday:
• Reading Due: *PP*: “Freud’s Wolf Man, or the Tale of Granny’s Furry Phallus.”
• 7 PM Screening: *The Wolf Man* (George Waggner, US 1941, 70 min.)

Week 10
Tuesday:
• Reading Due: *PP*: “Fear of Fur: Bestiality and the Uncanny Skin Monster.”
Thursday:
• Reading Due: *PP*: “Freddy’s Fingernails: Child Abuse, Ghosts and the Uncanny.”
• 7 PM Screening: *A Nightmare on Elm Street* (Wes Craven, US 1984, 91 min.)

Week 11
Tuesday:
• Reading Due: *PP*: “Jack the Ripper: Modernity and the Uncanny Male Monster.”
Thursday:
• Reading Due: Benshoff, “Introduction: The Monster and the Homosexual” and Chapter 1: “Defining the Monster Queer in the Classical Hollywood Horror Film.”
• 7 PM Screening: *The Old Dark House* (James Whale, US 1932, 72 min.)

Week 12
Tuesday:
• Reading Due: Benshoff, Chapter 2: Shock Treatment: Curing the Monster Queer During World War II” and Chapter 3: Pods, Pederasts, and Perversts.”
Thursday:
• Reading Due: Benshoff, Chapter 4, “Exposing the Monster Queer to the Sunlight, Circa the 1969 Stonewall Rebellion.”
• 7 PM Screening: *Theatre of Blood* (Douglas Hickox, UK 1973, 104 min.)

Week 13
Tuesday:
• Reading Due: *Online*: H. Benshoff, “Vincent Price and Me: Imagining the Queer Male Diva” and Benshoff, Chapter 5: “Satan Span and Out and Proud: Monster Queers in the Postmodern Era.”
Thursday:
• Reading Due: Benshoff, Epilogue.
• 7 PM Screening: *Nightbreed* (Clive Barker, US 1990, 102 min.)

Week 14
Tuesday: Research paper due via elearning by 11AM.
• Reading Due: None. Concentrate on your paper.
Thursday:
• Reading Due: *Online*: “Judith Halberstam, “Skinflick: Posthuman Gender in Jonathan Demme’s *The Silence of the Lambs*.”
• 7 PM Screening: *The Silence of the Lambs* (Jonathan Demme, US 1991, 118 min.)

Week 15
Tuesday: Summing Up and Review

Final Exam:
Humphrey Research Paper Rubric
Course Changes
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions:
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Agricultural Leadership, Education, and Communications
3. Course prefix, number and complete title of course: ALEC 621 Correct Methods of Online Survey Research in Agricultural Science
4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
9. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEC</td>
<td>621</td>
<td>MTD ONLINE SRVY RES AGSC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Eff. Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td></td>
<td>3.00</td>
<td>131301</td>
<td>00171</td>
<td>3 3 3 3 2</td>
</tr>
</tbody>
</table>

   b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Eff. Code</th>
</tr>
</thead>
</table>

   Approval recommended by: __________________________

   Department Head or Program Chair (Type Name & Sign) Date

   (If cross-listed course)

   Department Head or Program Chair (Type Name & Sign) Date

   Chair, College Review Committee Date

   Dean of College Date

   Submitted to Coordinating Board by:

   Associate Director, Curricular Services Date

   Chair, GC or UCC Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Department of Agricultural Education
ALEC 621: Methods of Online Survey Research in Agricultural Science
Fall 2011 (3 credits)

Instructor: Gary Wingenbach, Professor
2116 TAMU, AGLS 261
Voice Mail: 862-1507
E-mail: g-wingenbach@tamu.edu

Office Hours: By appointment and walk-ins welcome.
Web Site: http://agcj.tamu.edu/621/621.html
Schedule: Monday, 12:40-3:40 p.m., AGLS 109.
Prerequisite: ALEC 690 or similar Theory of Research course.
Supplies: One flash drive.

Course Description:
Current survey research, once relegated to telephonic and postal mail delivery methods, has taken advantage of Internet technologies to collect social science data from audiences worldwide. Students explore the technical requirements necessary to correctly establish and administer online social science data collection instruments. Specific skills include writing *.asp code, database design and management, verification/permission sets, creating informational pop-ups, drop-down menus, and assorted graphics.

Course Objectives:
1. Develop an online social science survey using *.asp code and interactive database technologies.
2. Design and construct textual/memo information fields.
3. Develop Likert-type questions and scales including reverse-coded items.
4. Create multiple-choice and T/F response sets.
5. Develop interactive elements: pop-ups, drop-downs, and graphics.
6. Identify a population of interest, sample, etc.
7. Post/publish one online survey research instrument.
8. Collect data, provide follow-up techniques, etc.
9. Analyze results; compare response rates.
10. Develop research paper for presentation/publication.

References:
## Projected Course Outline/Topics:

<table>
<thead>
<tr>
<th>Week</th>
<th>Tentative Topics</th>
<th>Text</th>
<th>Deadlines</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction and Overview (Proposed Study)</td>
<td>Ch. 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mixed Mode Surveys (*.asp Code)</td>
<td>Ch. 8</td>
<td>Scope</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>Survey Design Characteristics (Tables/IRB Paperwork)</td>
<td>Ch. 10</td>
<td>IRB Forms</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>Organizing Information: Online Visual Appeal (*.asp Code)</td>
<td>Ch. 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Textual/Memo Information Fields (*.asp Code; Delphi)</td>
<td>Ch. 6</td>
<td>Background</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>Likert Responses: M/C—T/F (*.asp Code; Alt. Correct)</td>
<td>Ch. 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Database Structures (MS Access)</td>
<td>Web</td>
<td>Lit. Rev.</td>
<td>15</td>
</tr>
<tr>
<td>8</td>
<td>Secondary Files: Consent/Acknowledge (HTML; Pre-notice)</td>
<td>Ch. 7</td>
<td>Pop./Sample</td>
<td>5</td>
</tr>
<tr>
<td>9</td>
<td>Post/Publish Online Surveys (Data Collection)</td>
<td>Ch. 11</td>
<td>Methods</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>Follow-up Techniques (Sample Group Management)</td>
<td>Ch. 13</td>
<td>Pre-Results</td>
<td>5</td>
</tr>
<tr>
<td>11</td>
<td>Data Collection (Data Preparation; Transfer; Analyses)</td>
<td>Web</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Interactive Elements: Graphics (*.asp Code)</td>
<td>Web</td>
<td>Results</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td><strong>THANKSGIVING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Interactive Elements: Drop-downs (*.asp Code)</td>
<td>Web</td>
<td>Discussion</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Final Manuscript Submitted for Presentation/Publication</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Grading Scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 – 100</td>
</tr>
<tr>
<td>B</td>
<td>80 – 89.9</td>
</tr>
<tr>
<td>C</td>
<td>70 – 79.9</td>
</tr>
<tr>
<td>D</td>
<td>60 – 69.9</td>
</tr>
<tr>
<td>F</td>
<td>&lt;59.9</td>
</tr>
</tbody>
</table>

**Academic Dishonesty:** All class members must comply with TAMU policies regarding scholastic dishonesty and other issues outlined in the official student rules.

**ADA Policy Statement:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities in Cain Hall, Rm. B118 or call 845-1637.

**Course Writing Policy:** The Publication Manual of the American Psychological Association (American Psychological Association, 2001) is the primary style guide for several disciplines, including agricultural education. The Publication Manual of the APA provides systematic and consistent rules for grammar, punctuation, spelling, quoting, manuscript format, presentation of tabular or graphic data, citations within the text, and referencing. It should not hinder your personal writing style. Applying Publication Manual rules to your writing (a) helps you learn APA style requirements, (b) allows readers to focus on the manuscript’s content, and (c) suggests high-quality scholarly writing. When preparing and submitting papers, manuscripts, and other assignments for this course, you will follow the rules prescribed in the Publication Manual of the APA (5th ed.). Adherence to these rules will be considered in the grading of all assignments.

**Copyrights:** Please note that all handouts and supplements used in this course are copyrighted. This includes all instructor-generated materials for this class, including syllabi, exams, in-class materials, review sheets, and lecture outlines. Materials may be downloaded or photocopied for personal use only, and may not be given, traded, or sold to other individuals.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
- Submit original form and attachments -

Form Instructions
1. Course request type:
   ☐ Undergraduate ☑ Graduate ☐ First Professional [DUPLICATE SIGNATURE]
2. Request submitted by (Department or Program Name):
   Civil Engineering Graduate Department
3. Course prefix, number and complete title of course:
   CVEN 684 - Professional Internship

4. Change requested:
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason): __________________________
   c. Cross-list with:
      Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title:
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? ☑ Yes ☐ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade ☐ S/U ☐ P/F (CLAS)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://tutorial.tamu.edu/courses/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:
   Professional Internship Credit 1 to 2

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Professional Internship Credit 1-3

10. As currently in course inventory:
    
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|------------------------------|
    | CVEN   | 684      | Professional Internship     |
    |        |          |                              |
    | Lab    | Lab      | Other                        |
    | 2.00   | 0.00     | 0.00                         |
    | S/U    |          |                              |
    | 1408010006 |        | 0630                        |
    | Aindi. Unit |        |                              |
    | 3       | 0        | 0                            |
    | HEC Code |        | 2                            |
    | Level   | 6        |                              |

11. Change to:
    
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|------------------------------|
    | CVEN   | 684      | Professional Internship     |
    |        |          |                              |
    | Lab    | Lab      | Other                        |
    | 3.00   | 0.00     | 0.00                         |
    | S/U    |          |                              |
    | 1408010006 |        | 0630                        |
    | Aindi. Unit |        |                              |
    | 17      | 0        | 0                            |
    | HEC Code |        | 2                            |
    | Level   | 6        |                              |

Approval recommended by:
Yunlong Zhang

Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date

Department Head or Program Chair (Type Name & Sign) Date
(if cross-listed course) Date

Dean of College

Submitted to Coordinating Board by:
Chair, GC or UCC Date

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
CVEN 684 – Professional Internship Credit 1 to 3 credit hours

Catalog Description

Training under the supervision of practicing professional engineers in settings appropriate to the student's professional objectives, away from Texas A&M campus.

Prerequisites: Approval of the department head and two semesters of graduate course work completed.

Departmental Policy

- A Record of Study must be submitted and approved by the student's advisory committee chair or area graduate advisor and the department head.
- Before a student is permitted to register for CVEN 684; the student must submit in writing to the Civil Engineering Graduate Office the following:
  - Letter from Employer of the Internship and physical address
  - Immediate supervisor, place of internship
  - Period of employment start and end date
  - Professor that will supervise professional internship
  - After two semesters of graduate course work
- The Record of Study must be complete in order to receive credit for CVEN 684.
- A satisfactory grade (S) will not be issued until the Record of Study has been approved by the Department head.
- Cannot be taken until at least one semester of graduate coursework for domestic students (minimum 9 credit hours) and two semesters of graduate course work for international students has been completed (minimum 18 credit hours)
- Registration for CVEN 684 must be completed by the start of the semester for which CVEN 684 credit is desired
- CVEN 684 credit hours may not be changed to either CVEN 685 or CVEN 691 credit hours.
- CVEN 684 credit hours has to be on your degree plan to receive credit

Americans with Disabilities Act (ADA) Policy Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities in Cain Hall, Room B118, or call 845-1637.

Academic Integrity Statement

"Aggies do not lie, cheat, or steal, nor do they tolerate those who do." It is the responsibility of students and instructors to help maintain scholastic integrity at the university by refusing to participate in or tolerate scholastic dishonesty. (Please see the Honor Council Rules and Procedures at http://www.tamu.edu/aggiehonor)
February 26, 2016

MEMORANDUM

TO: Office of Graduate and Professional Studies

THROUGH: Prasad Enjeti, Associate Dean
Academic Affairs

FROM: Yunlong Zhang, Director
Graduate Programs

SUBJECT: CVEN 684 Professional Internship
Repeatable Course Two times Maximum

The COMPASS system has CVEN 684 as a repeatable course but only one time. We would like to change this to where it can be repeated a maximum of two times. We have had several graduate student repeat the CVEN 684 but the employer wishes them to continue the internship into the next semester. This is a great benefit to the student by giving them practical experience and allowing the student to utilize their class knowledge in a work setting. This is why we want to allow students to repeat the course no more than two times.

International students must have the CVEN 684 on their degree plan each time it is taken.

We did a Department Request for a Change in Course form February 26, 2016 to change it from a one or two CH course to a 3 CH course.

Thank you for your consideration.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments •

Form Instructions
1. Course request type: □ Undergraduate  □ Graduate  □ First Professional (DDE, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Biochemistry and Biophysics
3. Course prefix, number and complete title of course: GENE 608 Critical Analysis of GENE Literature

Change requested
a. Prerequisite(s): From: ___________________________ To: ___________________________

b. Withdrawal (reason):

c. Cross-list with: ___________________________

d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus

Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMR)
7. If this course will be stacked, please indicate the course number of the stacked course:

I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://orr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

Complete current course title and current catalog course description:

An Introduction to primary literature in the field of genetics which will give students experience in critically evaluating scientific papers and develop an appreciation of how genetics can be used to address important biological questions.

Complete proposed course title and proposed catalog course description (not to exceed 50 words):

Critical Analysis of Genetic Literature
Introduction to Major Genetic Model Systems (MSs)

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENE</td>
<td>608</td>
<td>CRIT ANALYSIS GENE LIT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Feet</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin Unit</th>
<th>TCF Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>00</td>
<td>00</td>
<td>01</td>
<td>2603040002</td>
<td>0420</td>
<td>0420</td>
<td>00</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENE</td>
<td>608</td>
<td>Critical Analysis of GENE Literature</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Feet</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin Unit</th>
<th>Year</th>
<th>TCF Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>00</td>
<td>00</td>
<td>01</td>
<td>2603040002</td>
<td>0420</td>
<td>16</td>
<td>17</td>
<td>03</td>
</tr>
</tbody>
</table>

Approval recommended by:
Dorothy E. Shippen 2/16/16

Department Head or Program Chair (Type Name & Sign) Date

Chair, College Review Committee 3/28/16

Dean of College 3/28/16

Submitted to Coordinating Board by:
Chair, GC or UCC  Date

Associate Director, Curricular Services  Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type: 
   - Undergraduate
   - Graduate
   - First Professional (DMS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   Health Policy & Management
3. Course prefix, number and complete title of course: 
   PHPM 624 - Health Care Financial Management II
4. Change requested
   a. Prerequisite(s): From: 
      To: Grad Student Status
   b. Withdrawal (reason):
   c. Cross-list with: Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course?
   - Yes
   - No
6. If grade type is changing, for existing course, indicate the new grade type:
   - Grade
   - S/U
   - P/F (CLAD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vnr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
10. Approval recommended by:
    Department Head or Program Chair (Type Name & Sign) Date
    Chair, College Review Committee Date
    Dean of College Date

Submitted to Coordinating Board by:
Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 08/14
Texas A&M University  
Departmental Request for a Change in Course  
Undergraduate • Graduate • Professional  
• Submit original form and attachments •

**Form Instructions**

1. Course request type:  
   - Undergraduate  
   - Graduate  
   - First Professional (DMD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):  
   Health Policy & Management

3. Course prefix, number and complete title of course:  
   PHPM 640 - Health Policy Politics

---

**Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.**

4. Change requested:
   a. Prerequisite(s): From:  
   b. Withdrawal (reason):  
   c. Cross-list with:  

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  
   - Yes  
   - No

6. If grade type is changing for existing course, indicate the new grade type:  
   - Grade  
   - S/U  
   - P/F (CLAD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   - I verify that I have reviewed the FAQ for Export Control Basics for Distance Education [http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education].

8. Complete current course title and current catalog course description:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   b. Change to:

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   Approval recommended by:

   [Signature]

   Department Head or Program Chair (Type Name & Sign)  
   [Date: 3/16/16]

   Chair, College Review Committee  
   [Date: 4/19/16]

   Department Head or Program Chair (Type Name & Sign)  
   (if cross-listed course)  
   [Date: 4/19/16]

   Submitted to Coordinating Board by:  
   Chair, GC or UCC  
   [Date: 6/14]

   Associate Director, Curricular Services  
   [Date: 8/14]

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:
   □ Undergraduate  ✔ Graduate  □ First Professional (DMD, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   Health Policy & Management
3. Course prefix, number and complete title of course:
   PHPM 640 - Critical Issues in Health Policy

4. Change requested
   a. Prerequisite(s): From: _______________________________ To: _______________________________
      Cross-list with: __________________________________________________________
      Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course?
   □ Yes  □ No
6. If grade type is changing for existing course, indicate the new grade type:
   □ Grade  □ S/U  □ P/F (CL and)
7. If this course will be stacked, please indicate the course number of the stacked course:
   _______________________________
   Attach a course syllabus.
8. http://vpn.tamu.edu/resources/export
   controls/export-control-basics-for-distance-education
9. Complete current course title and current catalog course description:
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
   _______________________________
Texas A&M University  
Departmental Request for a Change in Course  
Undergraduate • Graduate • Professional  
• Submit original form and attachments •

Form Instructions
1. Course request type:  
   - □ Undergraduate  
   - ✓ Graduate  
   - □ First Professional  
   (MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):  
   - Health Policy & Management
3. Course prefix, number and complete title of course:  
   - PHPM 654 - Health Insurance and Managed Care

4. Change requested:  
   a. Prerequisite(s): From:  
   b. Withdrawal (reason):  
   c. Cross-list with:  
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b.  
   f. Attach a course syllabus.
5. Is this an existing core curriculum course?  
   - □ Yes  
   - □ No
6. If grade type is changing for existing course, indicate the new grade type:  
   - □ Grade  
   - □ S/U  
   - □ P/F (CLMD)
7. If this course will be stacked, provide the course number of the stacked course:  

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://yar.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:  
   
<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 3 6 3 2</td>
<td></td>
</tr>
</tbody>
</table>

   b. Change to:  
   
<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 3 6 3 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   [Signature]

   Department Head or Program Chair (Type Name & Sign)  
   Date

   Chair, College Review Committee  
   Date

   Dean of College  
   Date

   Submitted to Coordinating Board by:  
   Chair, GC or UCC  
   Date  

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.  
Curricular Services – 08/14
Texas A&M University  
Departmental Request for a Change in Course  
Undergraduate • Graduate • Professional  
* Submit original form and attachments *

**Form Instructions**

1. **Course request type:**  
   - [ ] Undergraduate  
   - [ ] Graduate  
   - [ ] First Professional (DMD, MD, JD, PharmD, DVM)

2. **Request submitted by (Department or Program Name):**  
   Health Policy & Management

3. **Course prefix, number and complete title of course:**  
   PHPM 671 Applied Health Services Research

4. **Change requested**  
   - **Prerequisite(s):** From: [ ] To: [ ]  
   - **Withdrawal (reason):**
   - **Cross-list with:**

   Cross-listed courses require the signature of both department heads.

   - **Change in course title and description:** Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   - **Change in course number, contact hours (lab & lecture), and semester credit hours.** Complete item 11a and b. Attach a course syllabus.

5. **Is this an existing core curriculum course?**  
   [ ] Yes  
   [ ] No

6. **If grade type is changing for existing course, indicate the new grade type:**  
   - [ ] Grade  
   - [ ] S/U  
   - [ ] P/F (CLMD)

7. **If this course will be stacked, please indicate the course number of the stacked course:**

8. **I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vet.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).**

9. **Complete current course title and current catalog course description:**

10. **Complete proposed course title and proposed catalog course description (not to exceed 50 words):**

11. **As currently in course inventory:**

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>EICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   | Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>EICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>3</td>
<td>6</td>
<td>3</td>
<td>2</td>
<td>4/18/16</td>
<td></td>
</tr>
</tbody>
</table>

   **Approved recommended by**
   
   **Department Head or Program Chair (Type Name & Sign) / 3/21/16**
   
   **Chair, College Review Committee / 4/19/16**
   
   **Department Head or Program Chair (Type Name & Sign) / (if cross-listed course)**
   
   **Dears of College / 4/19/16**

   **Submitted to Coordinating Board by:**
   
   **Chair, GC or UCC / Date**
   
   **Effective Date / Date**

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.  
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type: □ Undergraduate ✓ Graduat: □ First Professional (DMD, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Health Policy & Management
3. Course prefix, number and complete title of course: PHPM 669 - Applied Health Services Research II
4. Change requested
a. Prerequisite(s): From: To: Grad Student Status
b. Withdrawal (reason):
c. Cross-list with:
   Cross-listed courses require the signature of both department heads.
d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education)
8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>IACE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 3 6 3 2</td>
<td></td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>IACE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>-</td>
<td>0 0 3 6 3 2</td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date

Chair, College Review Committee Date

Department Head or Program Chair (Type Name & Sign) Date
(if cross-listed courses)

Dead of College Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 845.8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: ☐ Undergraduate ☑ Graduate ☐ First Professional (DVM, MD, JD, PharmD, DVA)
2. Request submitted by (Department or Program Name): Health Policy & Management
3. Course prefix, number and complete title of course: PHPM 674 - Secondary Analysis of Health Data

<table>
<thead>
<tr>
<th>Change requested</th>
<th>PHPM 601, PHPM 671, PHPM 672, STAT 651</th>
<th>Grad Student Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Prerequisite(s) From:</td>
<td>To:</td>
<td>Cross-list with:</td>
</tr>
<tr>
<td>b. Withdrawal (reason):</td>
<td></td>
<td>Cross-listed courses require the signature of both department heads.</td>
</tr>
<tr>
<td>c.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Change in course number, contact hours (lab &amp; lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. Is this an existing core curriculum course? ☐ Yes ☐ No
5. If grade type is changing for existing course, indicate the new grade type: ☐ Grade ☐ S/U ☐ P/F (CLND)
6. If this course will be stacked, please indicate the course number of the stacked course:

| I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://tamu.edu/resources/export-controls/export-controls-basics-for-distance-education). |

7. Complete current course title and current catalog course description:

8. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

9. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
</table>

| Change to: |
| Prefix | Course # | Title (excluding punctuation) |

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
</table>

10. Date

11. Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date
Department Head or Program Chair (If cross-listed course) Date
Dean of College Date

Submitted to Coordinating Board by: Chair, GC or UCC Date Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services — 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions:
1. Course request type:
   □ Undergraduate  □ Graduate  □ First Professional (MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   Health Policy & Management
3. Course prefix, number and complete title of course:
   PHPM 680 - Health Systems Leadership

4. Change requested
   a. Prerequisite(s):
      From: PHPM 608, PHPM 614, PHPM 617, PHPM 623, PHPM 651, PHPM 631, PHPM 620, PHPM 624
   b. Withdrawal (reason):
   c. Cross-list with:

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and 11b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and 11b. Attach a course syllabus.

5. Is this an existing core curriculum course?
   □ Yes  □ No

6. If grade type is changing for existing course, indicate the new grade type:
   □ Grade  □ S/U  □ P/F (CLAS)

7. If this course will be stacked, please indicate the course number of the stacked course:

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:
   
<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>EICE Code</th>
<th>Level</th>
</tr>
</thead>
</table>

   b. Change to:
   
<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>EICE Code</th>
</tr>
</thead>
</table>

   Approved recommendation:
   Department Head or Program Chair (Type Name & Sign)  Date

   Chair, College Review Committee  Date

   Dean or College  Date

   Submitted to Coordinating Board by:
   Chair, GC or UCC  Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:  
   - Undergraduate  
   - Graduate  
   - First Professional (DVM, MD, JD, PharmD, DFM)
2. Request submitted by (Department or Program Name): Health Policy & Management
3. Course prefix, number and complete title of course: PHPM 684 - Practicum

Attach a brief supporting statement for changes made to items 4a thru 4d and 10 below.

4. Change requested
   a. Prerequisite(s):  
      From: ________________________________  
      To: ________________________________  
      Withdrawal (reason): ____________________________
   c. Cross-list with: ____________________________  
      Cross-listed courses require the signature of both department heads.
   d. Change in course title and description: Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  
   - Yes  
   - No
6. If grade type is changing for existing course, indicate the new grade type:  
   - Grade  
   - S/U  
   - P/F (CLAP)
7. If this course will be stacked, please indicate the course number of the stacked course:

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vnr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>EICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 3 6 3 2</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>EICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 0 3 6 3 2</td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by: ____________________________  
Department Head or Program Chair (Type Name & Sign)  
Date  
Chair, College Review Committee  
Date

Department Head or Program Chair (Type Name & Sign)  
Date  
Dean of College  
Date

Submitted to Coordinating Board by:  
Chair, GC or UCC  
Date  
Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu  
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:
   □ Undergraduate  ✔ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Information and Operations Management
3. Course prefix, number and complete title of course: SCMT 610. Business Analytics

4. Change requested
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason):
   c. Cross-list with: ____________________________________________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  □ Yes  ✔ No

6. If grade type is changing for existing course, indicate the new grade type:  □ Grade  □ S/U  □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   □ Yes  □ No

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

9. Complete current course title and current catalog course description:
   Business Analytics. Formulation and structuring of business problems using selected quantitative techniques; modeling and statistical analysis stress computer applications.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Business Analytics. Utilization of quantitative tools such as forecasting, optimization, and Monte Carlo simulation in order to deal with uncertainties in business and to assist in making better business decisions.

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCMT</td>
<td>610</td>
<td>BUSINESS ANALYTICS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>HICL Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>3.00</td>
<td>3.00</td>
<td>5213010016</td>
<td>1634</td>
<td>0 3 6 3 2</td>
</tr>
</tbody>
</table>

   b. Change to:

   | Prefix | Course # | Title (excluding punctuation) |

   | Lect. | Lab    | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | HICL Code |

   Approval recommended by:
   Dr. Rich Metters  2/14/16
   Chair, College Review Committee
   Dr. Bala Shetty  2/19
   Dean of College
   Dr. Bala Shetty  3/29

   Submitted to Coordinating Board by:
   Chair, GC or UCC  Date

   Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Rationale for Change in Course Description – SCMT 610

The course deals with making business decisions under uncertainty using analytical tools such as forecasting, optimization and simulation. The current description does not capture the true nature of the course as it is currently taught. The new description is clear both in terms of the analytical tools used and the ultimate objective of aiding better decisions under uncertainty.
Curriculum Changes
Texas A&M University  
Request for a Change in Curriculum  
Undergraduate • Graduate • Professional

1. Program request type:  
☐ Undergraduate  ☑ Graduate  ☐ First Professional (e.g., DVM, JD, MD, etc.)

2. Request change for:  
☐ Degree Program  ☐ Minor  ☑ Certificate

3. Request submitted by (Department or Program Name):  
Information and Operations Management

4. Program Designation and Name  
(e.g., B.A. in History, Minor in History, Certificate in European Union):  
Certificate in Supply Chain Management

5. Brief description of change:  
The courses listed in the curriculum are changing. Rather than three required courses and one elective course, students will select four courses (12 credit hours) from a list of six course options.

6. Rationale for change:  
Some of the courses originally listed are no longer offered. Also, the courses included in the curriculum are not offered every semester; thus, students need greater flexibility to select courses in the semesters needed.

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached.  
☑ Yes  ☐ No

b. Current catalog curriculum with handwritten edits attached.  
☑ Yes  ☐ No

c. Current Howdy degree evaluation with handwritten edits attached.  
☐ Yes  ☑ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes?  
☐ Yes  ☑ No

b. If yes, degree program hours will change from: ________ to: ________

c. If yes, is the Texas Higher Education Coordinating Board form attached?  
http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60  
☐ Yes  ☐ No

9. If proposed changes affect other unit(s), are letters of support attached?  
☐ Yes  ☑ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Rich Metters  
Department Head or Program Chair (Type Name & Sign)  
Date

Bala Shetty  
Dean of College  
Date

Chair, College Review Committee  
Date

Chair, GC or UCC  
Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 04/14
Certificate in Supply Chain Management

Mays MS and MBA students may opt to complete coursework leading to a certificate in Supply Chain Management. The certificate in SCM leverages Mays faculty expertise in the areas of operations management, business logistics, physical distribution, purchasing, channel management, information technology, and decision sciences to create an innovative and state-of-the-art program. This certificate program is comprised of 12 credit hours. Completion of the SCM certificate will be noted on the student's final transcript.

Choose four of the following courses for a total of 12 credit hours.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCMT 614</td>
<td>Operations Management</td>
<td>SCMT 610</td>
</tr>
<tr>
<td>(MBA Only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCMT 616</td>
<td>Supply Chain Management</td>
<td>SCMT 614</td>
</tr>
<tr>
<td>(MBA Only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCMT 645</td>
<td>Business Process Design</td>
<td>SCMT 614 or approval of instructor</td>
</tr>
<tr>
<td>SCMT 667</td>
<td>Logistics &amp; Distribution Management</td>
<td></td>
</tr>
<tr>
<td>SCMT 689</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>MGMT 658</td>
<td>Managing Projects</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>SCSM 639</td>
<td>Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 638</td>
<td>Special Topics in Special Topics...</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 637</td>
<td>Logistics and Distribution</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 636</td>
<td>Business Process Design</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 635</td>
<td>Information Systems Engineering</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 634</td>
<td>Project Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose four of the following courses for a total of 12 credit hours.
Special Consideration Items
April 19, 2016

MEMORANDUM

TO: Karen Butler-Purry
Associate Provost for Graduate and Professional Studies

FROM: Christodoulos A. Floudas
Director, Texas A&M Energy Institute

SUBJECT: Exception request for non-thesis option in the Master of Science in Energy

The new Master of Science in Energy at Texas A&M University is a unique and truly interdisciplinary degree program. Through a 10-month long program, featuring thesis and non-thesis options, the Master of Science in Energy aims to expose students and professionals to (a) important energy challenges and opportunities, and (b) advances in theory, methods, technologies, and applications delivered by energy leaders from academia, industry, and government, through a module-based structure and a distinguished seminar series.

The non-thesis option requires 23 modules, as well as attendance at seminars, and results in 36.5 student credit hours. This option has been approved by the Texas Higher Education Coordinating Board for delivery to students or professionals in residence or online via distance learning. Each module will be 1.5 weeks long and will have 5 teaching days, including a total of 22 hours of lecture/lab material (22 contact hours) with 4.4 hours of lectures per teaching day. All modules require final exams at the conclusion of the instruction period.

By design, the inherent breadth of the Master of Science in Energy program lends itself well to smaller examinations of the specialized topics that each module covers. A truly comprehensive final exam would therefore, require input from 23 or more faculty members from across the university and would contain content that has already been tested in each module. The value of having a final exam to reexamine course content is not commensurate with the faculty effort – effort that is thought to be applied better to evaluation of thesis option research exams. The Texas A&M Energy Institute therefore seeks approval to allow an exemption to the final exam requirement for Master of Science in Energy non-thesis option students.

Coupled with this examination waiver is a proposed centralization of the student advisory committee. With the coursework only option available to non-thesis students, along with the lack of a final exam, the need for a three member advisory committee is unnecessary. We seek approval to adopt a committee of less than three members for Master of Science in Energy non-thesis option students.

Please let me know if there is additional information that we might provide.
April 14, 2016

MEMORANDUM

To: Dr. Leonard Bright  
Chair, Graduate Council

Through: Dr. Kate C. Miller  
Dean  
College of Geosciences

From: Dr. Eric M. Riggs  
Associate Dean for Graduate Affairs and Diversity  
College of Geosciences

SUBJECT: Distance Education Master of Science in Geology and Geophysics and Master of Geoscience

The College of Geosciences is partnering with Pearson Embanet, one of the world’s leading companies in helping non-profit universities take professionally-focused, technical-fields graduate programs online with the highest possible quality. We are finalizing over two years of negotiations and collaborative work to convert and launch three existing, on-campus MS degrees into viable online versions at scale. Pending approvals we are hoping to enroll our first full-online students in the Spring of 2017.

We have worked with the faculties of the Departments of Geology & Geophysics and Geography to craft and approve defined curricular plans based in almost entirely existing courses and based on the currently approved and active Petroleum Certificate that is available within the current on-campus degrees to shape this online program. We have also crafted and had approved by the Board of Regents a special program fee for these programs that will enable high-quality online instruction and necessary infrastructure to run this program at scale. While the program is intended to serve fully online students, we have been able to provide for a defined, limited number of on-campus students to be able to take these courses as well as they become available in this modality. The proposed course list, curriculum and rollout models and the program fee request that was approved are all attached to this packet for your background information. I would also be happy to present this material to the Council if that would be helpful. The attached approval and online delivery proposal forms also contain much more detail about our plans and rationale. This represents only a small subset of the available documentation supporting and describing the development of this program, so if there is anything else you need, please let me know.

Please contact me if you have any questions at emriggs@tamu.edu or 979-845-3651

C&M Building, Room 202  
3148 TAMU  
College Station, TX 77843-3148  
Tel. 979.845.3651 Fax 979.845.6162  
emriggs@tamu.edu  
geosciences.tamu.edu
<table>
<thead>
<tr>
<th>Course</th>
<th>Petroleum Geology/Geophysics</th>
<th>GIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GEOL 619: Intro to Petroleum Geology</td>
<td>GEOG 650: Applications in GIS</td>
</tr>
<tr>
<td>3</td>
<td>GEOL 622: Stratigraphy</td>
<td>GEOG 676: GIS Programming</td>
</tr>
<tr>
<td>4</td>
<td>GEOP 629: Seismic Interpretation</td>
<td>GEOG 659: GeoDatabases</td>
</tr>
<tr>
<td>5</td>
<td>GEOL 612: Structural Geology</td>
<td>GEOG 678: Web GIS</td>
</tr>
<tr>
<td>6</td>
<td>GEOL/GEOG 6XX Petroleum Industry</td>
<td>GEOL/GEOG 6XX Petroleum Industry</td>
</tr>
<tr>
<td>7</td>
<td>GEOP 628: Basin Analysis</td>
<td>GEOG 662: GIS in Land Management</td>
</tr>
<tr>
<td>8</td>
<td>GEOP 629: Sub-Surface Mapping</td>
<td>GEOG 651: Remote Sensing for Geographical Analysis</td>
</tr>
<tr>
<td>9</td>
<td>GEOL 624: Carbonate Reservoirs</td>
<td>GEOL 619: Intro to Petroleum Geology or GEOP 629: Seismic Interpretation</td>
</tr>
<tr>
<td>10</td>
<td>GEOL 6XX: Unconventional Reservoirs</td>
<td>GEOG 6XX: GIS in the Petroleum Industry</td>
</tr>
</tbody>
</table>
This illustrates the model structure only!
Next slide has the current iteration of thinking on specific courses
Course Rollout schedule

Rollout is meant to be gradual as the program and local expertise builds.

The color scheme is more important than course numbers. - note that courses are built in a just-in-time manner as we move forward.

<table>
<thead>
<tr>
<th>Admission Group</th>
<th>Term SU 16A</th>
<th>Term SU 16B</th>
<th>Term FA16A</th>
<th>Term FA16B</th>
<th>Term SP17A</th>
<th>Term SP17B</th>
<th>Term SU17A</th>
<th>Term SU17B</th>
<th>Term FA17A</th>
<th>Term FA17B</th>
<th>Term SP18A</th>
<th>Term SP18B</th>
<th>Term SU 18A</th>
<th>Term SU 18B</th>
<th>Term FA18A</th>
<th>Term FA18B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>2</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>3</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>4</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>5</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>6</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>7</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>8</td>
<td>GEOL106</td>
<td>GEOL619</td>
<td>GEOL306</td>
<td>GEOL625</td>
<td>GEOL612</td>
<td>GEOL624</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
<td>GEOL619</td>
</tr>
<tr>
<td>Total Unique Courses</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>
I. Programmatic justification and proposed use of the new fee

The College of Geosciences currently has professionally oriented, technical non-thesis MS degree options available for on-campus students with a focus on Petroleum Geoscience. These span the departments of Geology & Geophysics and Geography, and are based in the current Master of Geology or Geophysics – options with a shared core curriculum – and the Master of Geoscience with an emphasis on petroleum-related Geographic Information Science and Technology (GIST). In order to address overwhelming demand from industry and clear student interest, as well as reach new groups of students and working professionals domestically and internationally, we are taking three allied programs online together as a group, and are seeking approval of a program fee that will support the online versions of these programs only. These programs will be run as a coordinated set and we are seeking approval for a program fee that enables the expanded teaching operations in an online format and related course improvements, and new program features including a capstone course that will include a short term on-campus residency. The proposed fee will not apply to the wholly on-campus versions of these programs. Other expenses covered partially by this proposed fee include expanded technical software which will be served at scale for these online programs and which requires site licenses and server use at a scale unique to this environment. The fee also partially pays for expanded services in student recruitment and retention, marketing, ongoing work in custom instructional design and media development for the online programs.

Texas A&M will benefit from tuition and fees revenue from all of these programs combined of an estimated $7 million by year three after launch. The program fee will ensure Texas A&M University’s petroleum geosciences online programs are high quality and leading-edge. This is critical as key employers are looking for us to innovate in the delivery mode and pedagogical approaches to set a new level of rigor for technical professional programs in this area. The MS in Geology or Geophysics (different options of the same core curriculum) will be a first-in-class offering in these fields as a primarily online degree. Launch of these programs will establish TAMU Geosciences as a world-wide leader in this area. As a result, costs associated with excellence in instructional design and technology will be substantial, but the benefits will be also be significant. The GIST program, with many online competitors in the general topic area, will be the only one in the nation to focus specifically on the energy industry and be explicitly linked through curriculum to petroleum geology and geophysics.

We have also designed all online programs to share a unique, on-campus residency that will allow for direct faculty and student cohort interactions, and will allow for faculty-led, work-based capstone projects that simulate the cross-functional team dynamics common in the petroleum industry. These experiences will distinguish our programs from those offered by competitors. The program fee will allow maintenance of leading technology in the field, pay graduate stipends, and support teaching faculty in support of the online programs. As can be seen from the table below, the programs are a good value, consistent with our strategy of providing high return on investment by offering a program of equal or better quality than our competitors, with a reasonable cost and the flexibility of an online and part-time program for working professionals at a level of rigor equivalent to our on-campus programs.
Comparison of similar, professionally-oriented, petroleum geoscience programs:

**MS in Geology or Geophysics**

<table>
<thead>
<tr>
<th>Competitor</th>
<th>Concentration</th>
<th>Method</th>
<th>Total Units</th>
<th>Cost Resident</th>
<th>Cost Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas A&amp;M University</td>
<td>Petroleum Geology and Geophysics*</td>
<td>Online with on-campus capstone, with proposed fee</td>
<td>36</td>
<td>$28,800</td>
<td>$36,288</td>
</tr>
<tr>
<td>University of Texas - Austin</td>
<td>MA in Petroleum Geology</td>
<td>On campus</td>
<td>33</td>
<td>$18,018</td>
<td>$32,868</td>
</tr>
<tr>
<td>University of Houston</td>
<td>MS in Geology</td>
<td>On campus</td>
<td>36</td>
<td>$12,600</td>
<td>$29,232</td>
</tr>
<tr>
<td>Rice University</td>
<td>Professional MS in Subsurface Geoscience</td>
<td>On campus</td>
<td>40</td>
<td>$43,500</td>
<td>$43,500</td>
</tr>
<tr>
<td>Colorado School of Mines</td>
<td>MS in Geology</td>
<td>On campus</td>
<td>30</td>
<td>$24,660</td>
<td>$54,400</td>
</tr>
<tr>
<td>University of Colorado - Boulder</td>
<td>MS in Geological Sciences</td>
<td>On campus</td>
<td>30</td>
<td>$17,040</td>
<td>$45,870</td>
</tr>
<tr>
<td>University of Arkansas</td>
<td>MS in Geology</td>
<td>On campus</td>
<td>12</td>
<td>$11,640</td>
<td>$27,570</td>
</tr>
<tr>
<td>South Dakota School of Mines &amp; Tech</td>
<td>MS in Geology and Geological Engineering</td>
<td>On campus</td>
<td>32</td>
<td>$6,720</td>
<td>$15,040</td>
</tr>
<tr>
<td>University of Southern California</td>
<td>MS in Petroleum Engineering</td>
<td>Online</td>
<td>27</td>
<td>$46,062</td>
<td>$46,062</td>
</tr>
<tr>
<td>University of Nevada - Las Vegas</td>
<td>MS in Geoscience</td>
<td>On campus</td>
<td>30</td>
<td>$7,920</td>
<td>$16,650</td>
</tr>
</tbody>
</table>

Average: $21,910 $34,514

* There are currently no directly comparable online programs in petroleum geology and geophysics

**Master of Geoscience – emphasis on Petroleum GIST (MGsc – GIST)**

<table>
<thead>
<tr>
<th>Competitor</th>
<th>Concentration</th>
<th>Method</th>
<th>Total Units</th>
<th>Cost Resident</th>
<th>Cost Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas A&amp;M University</td>
<td>MGsc in GIST with Petroleum emphasis</td>
<td>Online with on-campus capstone, with proposed fee</td>
<td>36</td>
<td>$28,800</td>
<td>$36,288</td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>MS in GIS</td>
<td>Online</td>
<td>30</td>
<td>$34,950</td>
<td>$34,950</td>
</tr>
<tr>
<td>North Carolina State</td>
<td>MS of GIST</td>
<td>Online</td>
<td>30</td>
<td>$11,160</td>
<td>$21,720</td>
</tr>
<tr>
<td>Northeastern University</td>
<td>MS of Professional Studies in GIST</td>
<td>Online</td>
<td>45</td>
<td>$26,730</td>
<td>$26,730</td>
</tr>
<tr>
<td>Penn State Online</td>
<td>MS in GIS</td>
<td>Online</td>
<td>35</td>
<td>$26,635</td>
<td>$26,635</td>
</tr>
<tr>
<td>University of Arizona</td>
<td>MS in GIST</td>
<td>Online</td>
<td>30</td>
<td>$13,050</td>
<td>$28,860</td>
</tr>
<tr>
<td>University of Denver</td>
<td>MS in GIS</td>
<td>Online</td>
<td>48</td>
<td>$26,784</td>
<td>$26,784</td>
</tr>
<tr>
<td>University of Florida</td>
<td>MS in Geomatics</td>
<td>Online</td>
<td>30</td>
<td>$16,950</td>
<td>$16,950</td>
</tr>
<tr>
<td>University of Southern California</td>
<td>MS in GIST</td>
<td>Online</td>
<td>28</td>
<td>$43,008</td>
<td>$43,008</td>
</tr>
<tr>
<td>University of Washington</td>
<td>Professional MS in GIS</td>
<td>Online</td>
<td>45</td>
<td>$27,945</td>
<td>$27,945</td>
</tr>
</tbody>
</table>

Average: $25,601 $28,987
The rationale for offering these programs in a part-time, online format is to capitalize on retraining current professionals that are currently working in the petroleum industry or related businesses and wish to gain stronger credentials for advancement, and individuals with other technical degrees seeking entry into the industry. The master's degree is increasingly the expected working degree in these fields, so there is a substantial unmet need in this area. Our intent is also to reach a significant out-of-state and international audience, so the asynchronous delivery modes possible in online learning are attractive. The part-time model allows them to continue working while earning a master's degree in an area highly applicable to their current work. Additionally, the work-based, team-based capstone project is instrumental in applying what is learned through the curriculum in real-world scenarios, which also benefits their current and future employers.

The total program cost outlined in the tables above includes all tuition and fees, software licensing and technology access, and costs associated with the academic portion of the capstone residency. Students will have to find their own way to College Station for this portion of the program and will have to pay for their own room and board while on campus.

As will be noted in the budget template, we propose a fee of $436/SCH for in-state students and a fee of $254/SCH for out-of-state students. Given the differential in tuition charged for these groups of students, the total cost charged to students for tuition and fees is calculated at $800/SCH for in-state students and $1,008/SCH for out-of-state students. This arrangement preserves and balances the finances of the program such that in-state students still receive a discounted rate for the program, in keeping with the philosophy of a State institution, and also provides an attractive market rate for the program to out-of-state students. In addition, this approach distributes the tuition revenue from this program to both the University and the program itself to ensure the optimal distribution of resources to provide both central and local services to all students in the online program. We are planning for an optimum 50%/50% mix of in- and out-of-state students, which will provide the best balance of student value and student support while also providing the best balance of programmatic and central University services to maximize student success.

The College of Geosciences requests approval for annual flexibility to determine the program cost for this suite of online MS degrees. This flexibility is required because of the highly competitive nature of the professional technical education market and because we must quote a program cost over a year in advance of the students entering the program. Especially because much of our program fee justification is based in providing access to top-notch, production-grade, state-of-the-art software and an in-depth residential capstone workshop, we need to have the ability to adjust costs in response to market pricing for these critical assets. We request, therefore, approval for the following process for setting and announcing the program costs as follows:

1. The College of Geosciences will annually survey the program cost of several competing programs, including those listed on the tables on the preceding pages.
2. The College of Geosciences sets the program cost for the next academic year based on the costs of delivering the program and demand for the program, but any annual increase in the quoted program cost will be limited to 10 percent above the average current cost of the competitive petroleum geosciences programs. The actual quoted program cost, however, will be based on delivery cost and demand and will be consistent with our value-oriented strategy. As such we anticipate annual quoted cost increases will be much less than the 10 percent limit.
3. Program costs will be posted on our website concurrent with opening the application process for the next year’s entering class.

Use of Revenues

- **Online Program Operations.** The cost of operating the three interrelated online MS programs in Petroleum Geosciences (Geology, Geophysics and GIST) are supported in part by the program fee but also substantially from tuition and teaching fees already in place at TAMU. Program fees will provide part of the revenue stream that will support the program director and staff support.

- **Additional Departmental Operations.** Program expenses will also include substantial course and custom media development, as we transition the content of three related graduate programs into online modality. Instructional design, media development and related professional development of faculty are large expenses. Programs of this nature and at this scale also have substantial marketing and recruiting costs, and we have allocated a substantial budget to these front-end costs. These Petroleum Geoscience online programs will be a national first-in-class offering and as such will require a sophisticated and broad reaching marketing effort. As we are expanding our online presence substantially as College, we are also budgeting for substantially expanded student services related to student success, enrichment activities and oversight of progress.

Related to these operations is planning and design work for a signature aspect of this newly renovated program, the Capstone Residency. While no students will be in this final course in FY2017, design work for this integrated, industry-related teamwork experience needs to be underway. This experience will be a signature aspect of our curricula, replicating the highly collaborative and often high-intensity experience of working in cross-functional teams in the petroleum industry. Online students will come to College Station to engage with faculty and each other in this experience, as well as with other industry professionals.

- **Teaching Faculty & Graduate Assistants.** To be on the leading edge we must continually evaluate and adjust course offerings to meet the needs of technical professionals working in this dynamic and high-tech industry. We also anticipate the delivery of this program at scale will require the addition of APT faculty with professional experience in the petroleum industry. These individuals will be supported entirely by the program revenues. Existing on-campus faculty will be instrumental in developing the online versions of current courses, and will need ongoing course development funds and professional development/training. Graduate assistants will be needed for a variety of tasks as the program grows.

- **Online Student Recruiting and Admissions.** In order to reach our projected enrollment targets, we must dedicate resources devoted to recruiting the best students. While recruiting top graduate students in all programs is a challenge, recruiting the right technical professionals to this online program with the requisite skills and experience to succeed is a particular challenge. This requires substantial vetting and interaction prior to admissions and after the generation of marketing leads. The fee covers a specialized admissions staff using specialized customer relationship management (CRM) software, delivery of information sessions, and other extensive marketing and promotion activities online and in-person to recruit quality students.
• **Technology.** Program revenues (this requested program fee in addition to tuition) will be used to provide cutting-edge, industry standard software for geophysical and geological analysis and interpretation, and for geographic information system database management and analysis. The software licensing is negotiated at academic rates but server use, rental, and management is still costly. To achieve excellence and scale in this online program, we will need to deliver software and IT services to students at levels beyond those we currently support. The FY 2017 budget, being in the heavy growth phase of this program, captures a front-loaded investment that we anticipate will decrease to a maintenance level through time, allowing College startup support to decline as the revenues become self-sustaining.

• **State Authorizations/Compliance.** As this online program will have a national and international reach, we anticipate a steady set of costs related to maintaining our state authorizations to teach in other states around the nation and requiring time of professionals who can help us meet all export control and other relevant compliance issues. The petroleum industry is an area of research with substantial specialized software use and compliance is a major concern.

II. Public hearing and/or student referendum requirements

This program does not yet exist in its online form, therefore there are no graduate students to approach for a hearing. The primary targeted audiences are professionals currently working in or around the petroleum industry looking to upgrade their skills, and technical professionals seeking to retrain to enter this field. These people are located nationwide and internationally and are not currently on campus. In some cases costs will not be completely born by the student. It is anticipated that many employers will sponsor the cost of this degree, much like is done for employees in MBA programs or other specialized work-specific higher degrees.

III. Budget impact if program fee request is not approved

This request is for FY 2017 and future years, but we request that if approved, this fee may be implemented in the Summer 2016 term if we are able to launch this program in time.

The budget impact (either for Summer 2016 or Fall 2016 – within FY 2017) of this fee is substantial. In our budget outline provided with this narrative, we illustrate the entire financial picture of this program so that the impact of the fee requested here is clear.

If this program fee is not approved, this online program will not be able to compete effectively and will not be financially sustainable. Our market analysis and existing application pressure for on-campus programs indicates there is substantial demand for these programs, despite the current industry downturn. Many professionals are actively retraining now, and by the time they graduate from this program all projections are that the global energy industry should have recovered. It is also well documented that all of these fields are currently facing long-term labor shortages, so launching at this scale makes good academic and programmatic sense. The program fee is critical to being able to deliver this program successfully, at a quality level expected by the industry and by TAMU Geosciences.
In reality, the online program could not operate on basic graduate tuition and fee funding. This would leave unmet demand for the curriculum, as this is a high demand area expected to be needed for years to come.

IV. Justification for ending balance
With an initial investment of approximately $230,000 from the College of Geosciences in FY 2017, eventual revenues will be sufficient to recoup the funds and invest in other strategic priorities and other online MS programs in the College.

There is no anticipated ending balance in the long-term, other than a moderate operating reserve.

V. Additional information

None.
Request for New Student Fee

**Texas A&M University**

Online Programs in Petroleum Geoscience: Master of Geology, Master of Geophysics, Master of Geosciences - GIST

**LEGISLATIVE/INTERNAL MAXIMUM:**

<table>
<thead>
<tr>
<th>Proposed Fee:</th>
<th>for Fall and Spring Proposed:</th>
<th>for Fall and Spring Proposed:</th>
</tr>
</thead>
<tbody>
<tr>
<td>$436/sch (in-state), $254/sch (out-state)</td>
<td>$436/sch (in-state), $254/sch (out-state)</td>
<td>(sch, sem, student, etc.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of Students Affected:</th>
<th>213</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projected Student Enrollment:</td>
<td>449 (total headcount Fal16 + Sp17 + Su17)</td>
</tr>
<tr>
<td>Projected Semester Credit Hours:</td>
<td>2425 total (3 SCH/course x projected avg 1.8 courses/student/term)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FY 2017 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

**BEGINNING BALANCE**

**Revenues**

- Program Fees: 50% $436/sch in state + 50% $254/sch out-of-state
- Tuition (in state) and Teaching fees (out of state)
- College Support
- Interest
- (Other)

<table>
<thead>
<tr>
<th>Total Revenues</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,422,000</td>
</tr>
</tbody>
</table>

**Expenses**

- Salaries & Wages: $545K faculty + $100K staff
- Fringe Benefits: $645K @27%
- Departmental Operations for online programs
  - Course and Custom Media Development
  - Marketing and Recruitment
  - Enhanced retention and technology support for online students
- State Authorizations/Compliance
- Capstone Residency, preparations and planning
- Technology (estimated $2K per individual student @ 213 individuals)
  - (New Initiative)

<table>
<thead>
<tr>
<th>Total Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,422,000</td>
</tr>
</tbody>
</table>

**Increase/Decrease in Balance (Revenues less Expenses)**

| 0 |

<table>
<thead>
<tr>
<th>ENDING BALANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>
DISTANCE EDUCATION
ELECTRONIC TO INDIVIDUALS (ONLINE DELIVERY) APPROVAL FORM

Submitted by:

☐ Texas A&M University
☐ Texas A&M University—Central Texas
☐ Texas A&M University—Commerce
☐ Texas A&M University—Corpus Christi
☐ Texas A&M University—Kingsville
☐ Texas A&M University—San Antonio
☐ Texas A&M University—Texarkana
☐ Texas A&M International University
☐ Prairie View A&M University
☐ Tarleton State University
☐ West Texas A&M University
☐ Texas A&M Health Science Center

Distance Education: Electronic to Individuals (online Delivery) Authorization Request

Please list the proposed degree and CIP code:

Degree: Master of Geoscience (MGSC)

CIP Code: 40.0601.00

When is the effective date of the proposed program?

Effective Date: Spring 2017

**Please note:** This proposed program cannot be advertised as an online delivered degree program until the A&M System Office of Academic Affairs has approved it and the Texas Higher Education Coordinating Board has been notified.

Summary of Proposal (Include Background Information and Rationale for the change.)

The College of Geosciences offers a non-thesis program that leads to the degree of Master of Geoscience (MGsc). The degree is multi-departmental, encompassing all aspects of the geosciences.

This advanced degree program is especially appropriate for experienced professionals in geoscience or related fields seeking a professional Masters degree. Self-styled and structured options are available. Suitable audiences include public- and private-sector professionals working in the environmental or energy fields, or active K–12 science teachers. It offers opportunities to study a broad range of environmental, energy and geoscience topics. The Master of Geoscience degree is an undifferentiated college-wide degree which allows each department to offer the Master of Geoscience.

Specific, structured options are being developed for energy-related career paths. The best-developed option at this time is a set of courses that exist within the Geographic Information
Science curriculum existing jointly between the departments of Geography and Geology & Geophysics, with the bulk of graduate instruction in Geography.

The Department of Geography is unique in the College of Geosciences in bridging the social and natural sciences. Traditionally, Geography has been divided into two major subfields: Human and Physical Geography. The former is concerned with understanding how human, social, cultural and economic aspects of humankind interrelate while the latter seeks to understand the dynamics of physical landscapes and the environment. Geographers also seek to understand the relationship between people and their environments, in essence bridging these two subfields.

In the past half-century, a third subfield Geographic Information Science (GISci) has emerged which emphasizes the tools and techniques of spatial analysis. It also encompasses the triad of modern geospatial technologies – Geographic Information Systems (GIS), Global Navigation Satellite Systems (GNSS) and Remote Sensing – that are enabling the current revolution in spatial analysis. In the Texas A&M Geography Department research in this subfield includes development of remote-sensing image classification algorithms, as well as GIS-based modeling and spatial-analysis techniques. Remote sensing research focuses on development of automated techniques for estimating terrestrial biogeophysical properties, whereas GIS technique development focuses on geocoding, decision support systems, and geovisualization. In 2014, the Department began offering an undergraduate major in Geographic Information Science and Technology and has for more than a decade offered graduate certificates in GIS and Remote Sensing and has produced numerous M.S. and Ph.D. students in the subfield.

Geospatial technologies, particularly GIS, are in the Petroleum Industry. Faculty in the Department have been working with industry professionals to identify the technical skills and workplace competences required of Texas A&M Geography graduates seeking employment as Geospatial Professionals in this industry. The Department intends to develop the first GIS program with a focus at the undergraduate and graduate levels on producing Geospatial Professions whose skill set is tailored specifically to the Petroleum Industry.

Degree-plan tracks exist within many departments and interdisciplinary degree programs in the College of Geosciences which lead to professionally-oriented, technical non-thesis MS degree options for on-campus students. Three of these have a focus on Petroleum Geoscience, and much of the coursework is already included in the currently available and active Petroleum Certificate which is currently available to on-campus students in all of the relevant degree programs. These span the departments of Geology & Geophysics and Geography, and are based in the current Master of Geology or Geophysics – options with a shared core curriculum – and the Master of Geoscience with an emphasis on coursework in petroleum-related Geographic Information Science and Technology (GIST). All of these are non-thesis, 36 credit-hour MS degrees.

In order to address overwhelming demand from industry and clear student interest, as well as reach new groups of students and working professionals domestically and internationally, we are taking three allied programs online together as a group, and are seeking approval of each
program independently, submitted together as a package. The Master of Geoscience (MGSC) degree is by design interdisciplinary, and is the best vehicle for a dedicated interdisciplinary degree program within the College to encompass GIST-area courses and the necessary petroleum geology & geophysics needed for background and secondary expertise for graduates intending to pursue professional applications of GIST within the petroleum industry.

The Masters of Geoscience with an emphasis in GIST via distance education is a non-thesis degree requiring 36 credit hours. The online version is planned to be entirely online except for the final 6 credit hours of this program. The final 6 credit hours are a single capstone course that will be largely online but which will have a mandatory campus residence portion to foster collaborative group exercises and simulate more realistic industry conditions and settings. This unique, on-campus residency that will allow for direct faculty and student cohort interactions, and will allow for faculty-led, work-based capstone projects that simulate the cross-functional team dynamics common in the petroleum industry. This mirrors the current structure of the on-campus degree in that the MGSc includes a final project, and this would serve in that role.

Further, the Department of Geology & Geophysics offers graduate course credit for an experience like this already, associated with the project work of the Imperial Barrel Award team that participates in the American Association of Petroleum Geologists annual international competition. Our plan is to scale this existing course to serve significantly more students both online and on campus, and this will be covered under a separate course proposal within the coming year. The final examination for the MS degree will be embedded in this course. These experiences will distinguish our programs from those offered by competitors. This program is of equal or better quality than our competitors, with a reasonable cost and the flexibility of an online and part-time program for working professionals at a level of rigor equivalent to our on-campus programs. The coordinating faculty for the Petroleum Geosciences distance program in Geography will be the chairs of all masters committees in this program, with other program faculty serving as advisory committee members.
Financial Implications:

To support this program, the College of Geosciences sought and received TAMUS Board of Regents approval for a program fee which will enables the expanded teaching operations in an online format and related course improvements, and new program features including the capstone course that will includes the short term on-campus residency. The program fee does not apply to the wholly on-campus versions of these programs. Other expenses covered partially by this proposed fee include expanded technical software which will be served at scale for these online programs and which requires site licenses and server use at a scale unique to this environment. The fee also partially pays for expanded services in student recruitment and retention, marketing, ongoing work in custom instructional design and media development for the online programs. Beyond these additional costs, TAMU has sufficient resources to initiate and maintain quality distance learning programs. Traditional funding sources and student fees ensure the excellence of electronically based courses and programs. A list of all student fees and explanations can be found at [http://sbs.tamu.edu/](http://sbs.tamu.edu/).

University: Request for Authorization

I recommend adoption of the following program:

"Having complied with all of the requirements of the Texas Higher Education Coordinating Board, Texas A&M University is hereby authorized to offer the Masters of Geoscience program by distance education, electronic to individuals (online delivery) effective Spring 2017.

The Texas A&M University System Office of Academic Affairs finds that the program offering aforementioned is within the role and scope and capacity of the institution and will benefit students.

Texas A&M University certifies that the proposed distance delivery of the aforementioned program meets the criteria under Texas Administrative Code Chapter 4 Subchapter P regarding quality of the curriculum and courses; delivery of instruction; evaluation, training, supervision, and support of faculty; financial resources; and admission of the support services for students. The program is within the role and mission of the institution and in the Table of Program. The institution will comply with the standards and criteria of the Commission on Colleges of the Southern Association of Colleges and Schools and will adhere to criteria outlined in the Principles of Good Practice for Degree and Certificate Programs and Courses Offered Through Distance Education."

Approval – University:

Karan L. Watson  
Provost and Executive Vice President for Academic Affairs  

Date
Approval – Texas A&M University System:

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs

Date
Texas Higher Education Coordinating Board

Certification Form for Electronically Delivered and Off-Campus Education Programs
April 2014

Directions: For all new programs that are to be delivered electronic to individuals (i.e., online), electronic-to-groups, or off-campus face-to-face, a signed pdf of this form must accompany email notification of the new program to Dr. Andrew B. Lofters (andrew.lofters@thecb.state.tx.us). (Institutions offering distance education programs for the first time – i.e. have never offered a distance education program, such as newly created institutions -- must complete and submit an Institutional Plan for Distance Education).

Please fill out the Administrative Information below and then sign and date on page 4.

Administrative Information

1. Institution: Texas A&M University
2. Program Name – Masters of Geoscience (MGSC)
3. Program CIP Code: 40.0601.00
4. Program Delivery – Distance Education/Online
5. Proposed Implementation Date – Spring 2017
6. Contact Person – Provide contact information for the person who can answer specific questions about the program.

Name: Dr. Andrew Klein
Title: Professor of Geography, Department of Geography
E-mail: klein@tamu.edu
Phone: (979) 845-5219

Based on Principles of Good Practice for Academic Degree and Certificate Programs and Credit Courses Offered Electronically.
CURRICULUM AND INSTRUCTION

- Each program or course results in learning outcomes appropriate to the rigor and breadth of the degree or certificate awarded.

- A degree or certificate program or course offered electronically is coherent and complete.

- The program or course provides for appropriate interaction between faculty and students and among students.

- Qualified faculty provide appropriate oversight of the program or course that is offered electronically.

- Academic standards for all programs or courses offered electronically will be the same as those for programs or courses delivered by other means at the institution where the program or course originates.

- Student learning in programs or courses delivered electronically should be comparable to student learning in programs offered at the campus where the programs or courses originate.

INSTITUTIONAL CONTEXT AND COMMITMENT

Role and Mission

- The program or course is consistent with the institution’s role and mission.

- Review and approval processes ensure the appropriateness of the technology being used to meet the objectives of the program or course.

Students and Student Services

- Program or course announcements and electronic catalog entries provide appropriate information.

- Students shall be provided with clear, complete, and timely information on the curriculum, course and degree requirements, nature of faculty/student interaction, assumptions about technological competence and skills, technical equipment requirements, availability of academic support services and financial aid resources, and costs and payment policies.

- Enrolled students have reasonable and adequate access to the range of student services and student rights appropriate to support their learning.

- The institution has admission/acceptance criteria in place to assess the extent to which a
student has the background, knowledge and technical skills required to undertake the program or course.

- Advertising, recruiting, and admissions materials clearly and accurately represent the program or course and the services available.

**Faculty Support**

- The program or course provides faculty support services specifically related to teaching via an electronic system.
- The institution assures appropriate training for faculty who teach via the use of technology.
- The institution provides adequate equipment, software, and communications access to faculty to support interaction with students, institutions, and other faculty.

**Resources for Learning**

- The institution ensures that appropriate learning resources are available to students.
- The institution evaluates the adequacy of, and the cost to students for, access to learning resources and documents the use of electronic resources.

**Commitment to Support**

- Policies for faculty evaluation include appropriate recognition of teaching and scholarly activities related to programs or courses offered electronically.
- The institution demonstrates a commitment to ongoing support, both financial and technical, and to continuation of the program or course for a period of time reasonable and sufficient for students to complete the course or program.

**EVALUATION AND ASSESSMENT**

- The institution evaluates the program's or course's educational effectiveness, including assessments of student learning outcomes, student retention, and student and faculty satisfaction.
- At the completion of the program or course, the institution provides for assessment and documentation of student achievement in each course.

On behalf of _Texas A&M University_____ (Institution), I assert that the preceding Coordinating Board criteria have been met for all courses associated with this program that will be delivered electronically and off-campus face-to-face.
## Distance Education

**Electronic to Individuals (Online Delivery) Approval Form**

<table>
<thead>
<tr>
<th>Submitted by:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas A&amp;M University</td>
<td>Texas A&amp;M University–Texarkana</td>
</tr>
<tr>
<td>Texas A&amp;M University–Central Texas</td>
<td>Texas A&amp;M International University</td>
</tr>
<tr>
<td>Texas A&amp;M University–Commerce</td>
<td>Prairie View A&amp;M University</td>
</tr>
<tr>
<td>Texas A&amp;M University–Corpus Christi</td>
<td>Tarleton State University</td>
</tr>
<tr>
<td>Texas A&amp;M University–Kingsville</td>
<td>West Texas A&amp;M University</td>
</tr>
<tr>
<td>Texas A&amp;M University–San Antonio</td>
<td>Texas A&amp;M Health Science Center</td>
</tr>
</tbody>
</table>

Distance Education: Electronic to Individuals (online Delivery) Authorization Request

**Please list the proposed degree and CIP code:**

Degree: Master of Science in Geology

CIP Code: 40.0601.00

**When is the effective date of the proposed program?**

Effective Date: Spring 2017

**Please note:** This proposed program cannot be advertised as an online delivered degree program until the A&M System Office of Academic Affairs has approved it and the Texas Higher Education Coordinating Board has been notified.

Summary of Proposal (Include Background Information and Rationale for the change.)

The Department of Geology & Geophysics is dedicated to advancing scientific understanding of the Earth, its fluids, and their history and future, preparing the next generation of earth scientists, and using our expertise to serve the broader scientific, government, and industry communities. Our most fundamental mission is to educate students at all levels. To that end we offer a full range of degree programs at the undergraduate and graduate levels in geology and geophysics.

The department currently has thirty-two faculty members, including three joint appointments from other departments, and four post-doctoral researchers. We also have four professors of practice, who previously worked in industry and are now teaching practical application of their knowledge. Our faculty’s diverse research activities include: basin analysis, environmental geology, geophysics, geochemistry, geodynamics, hydrology, mineralogy and petrology, paleontology, seismology, sedimentology and stratigraphy, petroleum geology, structural geology, tectonophysics, and more.
Degree-plan tracks exist within the departments and interdisciplinary degree programs of the College of Geosciences which lead to professionally-oriented, technical non-thesis MS degree options for on-campus students. Three of these have a focus on Petroleum Geoscience, and much of the coursework is already included in the currently available and active Petroleum Certificate which is currently available to on-campus students in all of the relevant degree programs. These span the departments of Geology & Geophysics and Geography, and are based in the current Master of Geology or Geophysics – options with a shared core curriculum – and the Master of Geoscience with an emphasis on coursework in petroleum-related Geographic Information Science and Technology (GiST). All of these are non-thesis, 36 credit-hour MS degrees. In order to address overwhelming demand from industry and clearly evident student interest, as well as reach new groups of students and working professionals domestically and internationally, we are taking three allied programs online together as a group, but are seeking approval of each program independently, submitted together as a package.

The Masters of Science in Geology, non-thesis option, is a degree requiring 36 credit hours. The online version is planned to be entirely online except for the final 6 credit hours of this program. The final 6 credit hours comprise a single capstone course that will be largely online but which will have a mandatory campus residence portion to foster collaborative group exercises and simulate more realistic industry conditions and settings. This unique, on-campus residency will allow for direct faculty and student cohort interactions, and will allow for faculty-led, work-based capstone projects that simulate the cross-functional team dynamics common in the petroleum industry. This mirrors the current structure of the on-campus degree in that the MS students in the department are encouraged to complete a summative project, and this would serve in that role. Further, the Department of Geology & Geophysics offers graduate course credit for an experience like this already, associated with the project work of the Imperial Barrel Award team that participates in the American Association of Petroleum Geologists annual international competition. Our plan is to scale this existing course to serve significantly more students both online and on campus, and this will be covered under a separate course proposal within the coming year. The final examination for the MS degree will be embedded in this course. The capstone experiences will distinguish our programs from those offered by competitors. This program is of equal or better quality than our competitors, with a reasonable cost and the flexibility of an online and part-time program for working professionals at a level of rigor equivalent to our on-campus programs. The coordinating faculty for the Petroleum Geosciences program in Geology and Geophysics distance programs will be the chairs of all masters committees in this program, with other program faculty serving as advisory committee members.

Financial Implications:

To support this program, the College of Geosciences sought and received TAMUS Board of Regents approval for a program fee which will enable the expanded teaching operations in an online format and the related course improvements, and new program features including the
capstone course that includes the short term on-campus residency. The program fee does not apply to the wholly on-campus versions of these programs. Other expenses covered partially by this proposed fee include expanded technical software which will be served at scale for these online programs and which requires site licenses and server use at a scale unique to this environment. The fee also partially pays for expanded services in student recruitment and retention, marketing, ongoing work in custom instructional design and media development for the online programs. Beyond these additional costs, TAMU has sufficient resources to initiate and maintain quality distance learning programs. Traditional funding sources and student fees ensure the excellence of electronically based courses and programs. A list of all student fees and explanations can be found at http://sbs.tamu.edu/.

University: Request for Authorization

I recommend adoption of the following program:

"Having complied with all of the requirements of the Texas Higher Education Coordinating Board, Texas A&M University is hereby authorized to offer the Masters of Science in Geology program by distance education, electronic to individuals (online delivery) effective Spring 2017.

The Texas A&M University System Office of Academic Affairs finds that the program offering aforementioned is within the role and scope and capacity of the institution and will benefit students.

Texas A&M University certifies that the proposed distance delivery of the aforementioned program meets the criteria under Texas Administrative Code Chapter 4 Subchapter P regarding quality of the curriculum and courses; delivery of instruction; evaluation, training, supervision, and support of faculty; financial resources; and admission of the support services for students. The program is within the role and mission of the institution and in the Table of Program. The institution will comply with the standards and criteria of the Commission on Colleges of the Southern Association of Colleges and Schools and will adhere to criteria outlined in the Principles of Good Practice for Degree and Certificate Programs and Courses Offered Through Distance Education."

Approval – University:

Karan L. Watson
Provost and Executive Vice President for Academic Affairs

Authorization: System

Approval – Texas A&M University System:

James R. Hallmark, Ph.D.
Vice Chancellor for Academic Affairs
Texas Higher Education Coordinating Board

Certification Form for Electronically Delivered and Off-Campus Education Programs
April 2014

Directions: For all new programs that are to be delivered electronic-to-individuals (i.e., online), electronic-to-groups, or off-campus face-to-face, a signed pdf of this form must accompany email notification of the new program to Dr. Andrew B. Lofters (andrew.lofters@theeb.state.tx.us). (Institutions offering distance education programs for the first time — i.e., have never offered a distance education program, such as newly created institutions -- must complete and submit an Institutional Plan for Distance Education).

Please fill out the Administrative Information below and then sign and date on page 4.

Administrative Information

1. Institution: Texas A&M University

2. Program Name – Masters of Science in Geology

3. Program CIP Code: 40.0601.00

4. Program Delivery – Distance Education/Online

5. Proposed Implementation Date – Spring 2017

6. Contact Person – Provide contact information for the person who can answer specific questions about the program.

Name: Dr. Mark Everett

Title: Associate Department Head for Graduate Programs and Professor, Department of Geology & Geophysics

E-mail: m-everett1@tamu.edu

Phone: (979) 862-2129
Based on *Principles of Good Practice for Academic Degree and Certificate Programs and Credit Courses Offered Electronically.*

**CURRICULUM AND INSTRUCTION**

- Each program or course results in learning outcomes appropriate to the rigor and breadth of the degree or certificate awarded.
- A degree or certificate program or course offered electronically is coherent and complete.
- The program or course provides for appropriate interaction between faculty and students and among students.
- Qualified faculty provide appropriate oversight of the program or course that is offered electronically.
- Academic standards for all programs or courses offered electronically will be the same as those for programs or courses delivered by other means at the institution where the program or course originates.
- Student learning in programs or courses delivered electronically should be comparable to student learning in programs offered at the campus where the programs or courses originate.

**INSTITUTIONAL CONTEXT AND COMMITMENT**

**Role and Mission**

- The program or course is consistent with the institution's role and mission.
- Review and approval processes ensure the appropriateness of the technology being used to meet the objectives of the program or course.

**Students and Student Services**

- Program or course announcements and electronic catalog entries provide appropriate information.
- Students shall be provided with clear, complete, and timely information on the curriculum, course and degree requirements, nature of faculty/student interaction, assumptions about technological competence and skills, technical equipment requirements, availability of academic support services and financial aid resources, and costs and payment policies.
- Enrolled students have reasonable and adequate access to the range of student services and student rights appropriate to support their learning.
• The institution has admission/acceptance criteria in place to assess the extent to which a student has the background, knowledge and technical skills required to undertake the program or course.

• Advertising, recruiting, and admissions materials clearly and accurately represent the program or course and the services available.

Faculty Support

• The program or course provides faculty support services specifically related to teaching via an electronic system.

• The institution assures appropriate training for faculty who teach via the use of technology.

• The institution provides adequate equipment, software, and communications access to faculty to support interaction with students, institutions, and other faculty.

Resources for Learning

• The institution ensures that appropriate learning resources are available to students.

• The institution evaluates the adequacy of, and the cost to students for, access to learning resources and documents the use of electronic resources.

Commitment to Support

• Policies for faculty evaluation include appropriate recognition of teaching and scholarly activities related to programs or courses offered electronically.

• The institution demonstrates a commitment to ongoing support, both financial and technical, and to continuation of the program or course for a period of time reasonable and sufficient for students to complete the course or program.

EVALUATION AND ASSESSMENT

• The institution evaluates the program's or course's educational effectiveness, including assessments of student learning outcomes, student retention, and student and faculty satisfaction.

• At the completion of the program or course, the institution provides for assessment and documentation of student achievement in each course.
On behalf of Texas A&M University (Institution), I assert that the preceding Coordinating Board criteria have been met for all courses associated with this program that will be delivered electronically and off-campus face-to-face.

___________________________
Chief Academic Officer or President

___________________________
Name: _______________________

___________________________
Title: ________________________

THECB 4/2014
# Distance Education

## Electronic to Individuals (online Delivery) Approval Form

Submitted by:

- [ ] Texas A&M University
- [ ] Texas A&M University–Central Texas
- [ ] Texas A&M University–Commerce
- [ ] Texas A&M University–Corpus Christi
- [ ] Texas A&M University–Kingsville
- [ ] Texas A&M University–San Antonio
- [ ] Texas A&M University–Texarkana
- [ ] Texas A&M International University
- [ ] Prairie View A&M University
- [ ] Tarleton State University
- [ ] West Texas A&M University
- [ ] Texas A&M Health Science Center

---

### Distance Education: Electronic to Individuals (online Delivery) Authorization Request

**Please list the proposed degree and CIP code:**

- **Degree:** Master of Science in Geophysics
- **CIP Code:** 40.0603.00

**When is the effective date of the proposed program?**

- **Effective Date:** Spring 2017

**Please note:** This proposed program cannot be advertised as an online delivered degree program until the A&M System Office of Academic Affairs has approved it and the Texas Higher Education Coordinating Board has been notified.

---

### Summary of Proposal (Include Background Information and Rationale for the change.)

The Department of Geology & Geophysics is dedicated to advancing scientific understanding of the Earth, its fluids, and their history and future, preparing the next generation of earth scientists, and using our expertise to serve the broader scientific, government, and industry communities. Our most fundamental mission is to educate students at all levels. To that end we offer a full range of degree programs at the undergraduate and graduate levels in geology and geophysics.

The department currently has thirty-two faculty members, including three joint appointments from other departments, and four post-doctoral researchers. We also have four professors of practice, who previously worked in industry and are now teaching practical application of their knowledge. Our faculty’s diverse research activities include: basin analysis, environmental geology, geophysics, geochemistry, geodynamics, hydrology, mineralogy and petrology, paleontology, seismology, sedimentology and stratigraphy, petroleum geology, structural geology, tectonophysics, and more.
Degree-plan tracks exist within the departments and interdisciplinary degree programs of the College of Geosciences which lead to professionally-oriented, technical non-thesis MS degree options for on-campus students. Three of these have a focus on Petroleum Geoscience, and much of the coursework is already included in the currently available and active Petroleum Certificate which is currently available to on-campus students in all of the relevant degree programs. These span the departments of Geology & Geophysics and Geography, and are based in the current Master of Geology or Geophysics – options with a shared core curriculum – and the Master of Geoscience with an emphasis on coursework in petroleum-related Geographic Information Science and Technology (GIST). All of these are non-thesis, 36 credit-hour MS degrees. In order to address overwhelming demand from industry and clearly evident student interest, as well as reach new groups of students and working professionals domestically and internationally, we are taking three allied programs online together as a group, but are seeking approval of each program independently, submitted together as a package.

The Masters of Science in Geophysics, non-thesis option, is a degree requiring 36 credit hours. The online version is planned to be entirely online except for the final 6 credit hours of this program. The final 6 credit hours comprise a single capstone course that will be largely online but which will have a mandatory campus residence portion to foster collaborative group exercises and simulate more realistic industry conditions and settings. This unique, on-campus residency will allow for direct faculty and student cohort interactions, and will allow for faculty-led, work-based capstone projects that simulate the cross-functional team dynamics common in the petroleum industry. This mirrors the current structure of the on-campus degree in that the MS students in the department are encouraged to complete a summative project, and this would serve in that role. Further, the Department of Geology & Geophysics offers graduate course credit for an experience like this already, associated with the project work of the Imperial Barre Award team that participates in the American Association of Petroleum Geologists annual international competition. Our plan is to scale this existing course to serve significantly more students both online and on campus, and this will be covered under a separate course proposal within the coming year. The final examination for the MS degree will be embedded in this course. The capstone experiences will distinguish our programs from those offered by competitors. This program is of equal or better quality than our competitors, with a reasonable cost and the flexibility of an online and part-time program for working professionals at a level of rigor equivalent to our on-campus programs. The coordinating faculty for the Petroleum Geosciences program in Geology and Geophysics distance programs will be the chairs of all masters committees in this program, with other program faculty serving as advisory committee members.

Financial Implications:

To support this program, the College of Geosciences sought and received TAMUS Board of Regents approval for a program fee which will enable the expanded teaching operations in an
Online format and the related course improvements, and new program features including the capstone course that includes the short term on-campus residency. The program fee does not apply to the wholly on-campus versions of these programs. Other expenses covered partially by this fee include expanded technical software which will be served at scale for these online programs and which requires site licenses and server use at a scale unique to this environment. The fee also partially pays for expanded services in student recruitment and retention, marketing, ongoing work in custom instructional design and media development for the online programs. Beyond these additional costs, TAMU has sufficient resources to initiate and maintain quality distance learning programs. Traditional funding sources and student fees ensure the excellence of electronically based courses and programs. A list of all student fees and explanations can be found at http://sbs.tamu.edu/.

University: Request for Authorization

I recommend adoption of the following program:

"Having complied with all of the requirements of the Texas Higher Education Coordinating Board, Texas A&M University is hereby authorized to offer the Masters of Science in Geophysics program by distance education, electronic to individuals (online delivery) effective Spring 2017.

The Texas A&M University System Office of Academic Affairs finds that the program offering aforementioned is within the role and scope and capacity of the institution and will benefit students.

Texas A&M University certifies that the proposed distance delivery of the aforementioned program meets the criteria under Texas Administrative Code Chapter 4 Subchapter P regarding quality of the curriculum and courses; delivery of instruction; evaluation, training, supervision, and support of faculty; financial resources; and admission of the support services for students. The program is within the role and mission of the institution and in the Table of Program. The institution will comply with the standards and criteria of the Commission on Colleges of the Southern Association of Colleges and Schools and will adhere to criteria outlined in the Principles of Good Practice for Degree and Certificate Programs and Courses Offered Through Distance Education."

Approval – University:

Karan L. Watson  
Provost and Executive Vice President for Academic Affairs  

Date

Authorization: System

Approval – Texas A&M University System:

James R. Hallmark, Ph.D.  
Vice Chancellor for Academic Affairs  

Date
Texas Higher Education Coordinating Board

Certification Form for Electronically Delivered and Off-Campus Education Programs
April 2014

Directions: For all new programs that are to be delivered electronic-to-individuals (i.e., online), electronic-to-groups, or off-campus face-to-face, a signed pdf of this form must accompany email notification of the new program to Dr. Andrew B. Lofters (andrew.lofters@thech.state.tx.us). (Institutions offering distance education programs for the first time – i.e. have never offered a distance education program, such as newly created institutions -- must complete and submit an Institutional Plan for Distance Education).

Please fill out the Administrative Information below and then sign and date on page 4.

Administrative Information

1. Institution: Texas A&M University

2. Program Name – Masters of Science in Geophysics

3. Program CIP Code: 40.0603.00

4. Program Delivery – Distance Education/Online

5. Proposed Implementation Date – Spring 2017

6. Contact Person – Provide contact information for the person who can answer specific questions about the program.

Name: Dr. Mark Everett

Title: Associate Department Head for Graduate Programs and Professor, Department of Geology & Geophysics

E-mail: m-everett1@tamu.edu

Phone: (979) 862-2129
Based on Principles of Good Practice for Academic Degree and Certificate Programs and Credit Courses Offered Electronically.

CURRICULUM AND INSTRUCTION

- Each program or course results in learning outcomes appropriate to the rigor and breadth of the degree or certificate awarded.
- A degree or certificate program or course offered electronically is coherent and complete.
- The program or course provides for appropriate interaction between faculty and students and among students.
- Qualified faculty provide appropriate oversight of the program or course that is offered electronically.
- Academic standards for all programs or courses offered electronically will be the same as those for programs or courses delivered by other means at the institution where the program or course originates.
- Student learning in programs or courses delivered electronically should be comparable to student learning in programs offered at the campus where the programs or courses originate.

INSTITUTIONAL CONTEXT AND COMMITMENT

Role and Mission

- The program or course is consistent with the institution's role and mission.
- Review and approval processes ensure the appropriateness of the technology being used to meet the objectives of the program or course.

Students and Student Services

- Program or course announcements and electronic catalog entries provide appropriate information.
- Students shall be provided with clear, complete, and timely information on the curriculum, course and degree requirements, nature of faculty/student interaction, assumptions about technological competence and skills, technical equipment requirements, availability of academic support services and financial aid resources, and costs and payment policies.
- Enrolled students have reasonable and adequate access to the range of student services and student rights appropriate to support their learning.
• The institution has admission/acceptance criteria in place to assess the extent to which a student has the background, knowledge and technical skills required to undertake the program or course.

• Advertising, recruiting, and admissions materials clearly and accurately represent the program or course and the services available.

Faculty Support

• The program or course provides faculty support services specifically related to teaching via an electronic system.

• The institution assures appropriate training for faculty who teach via the use of technology.

• The institution provides adequate equipment, software, and communications access to faculty to support interaction with students, institutions, and other faculty.

Resources for Learning

• The institution ensures that appropriate learning resources are available to students.

• The institution evaluates the adequacy of, and the cost to students for, access to learning resources and documents the use of electronic resources.

Commitment to Support

• Policies for faculty evaluation include appropriate recognition of teaching and scholarly activities related to programs or courses offered electronically.

• The institution demonstrates a commitment to ongoing support, both financial and technical, and to continuation of the program or course for a period of time reasonable and sufficient for students to complete the course or program.

EVALUATION AND ASSESSMENT

• The institution evaluates the program's or course's educational effectiveness, including assessments of student learning outcomes, student retention, and student and faculty satisfaction.

• At the completion of the program or course, the institution provides for assessment and documentation of student achievement in each course.
On behalf of Texas A&M University (Institution), I assert that the preceding Coordinating Board criteria have been met for all courses associated with this program that will be delivered electronically and off-campus face-to-face.

__________________________________________  ______________________
Chief Academic Officer or President                    Date

Name: ____________________________________________

Title: _____________________________________________

THECB 4/2014
Texas A&M University
New Certificate, Bachelors, Masters, or Doctoral Program
Undergraduate • Graduate • Professional
• Proposal Checklist •

Requested by the Department or Unit of:  ISEN

Program Type, Level, Designation, Title, Description, Hours
Program Type:  ☑ Certificate Program  ☐ Degree Program
Program Level:  ☐ UG Certificate  ☑ Grad Certificate  ☐ Bachelor  ☐ Master  ☐ Doctoral  ☐ Professional
Degree Designation (i.e., BS, BA, MA, MS, MAg, MEd, PhD, EdD, etc.)  MS, MENG, PhD
Title of proposed program:  Industrial Data Analytics
Proposed CIP Code (if known):  14.3501.00

Brief program description (provide a catalog description for undergraduate and graduate certificates):
Teach the fundamental knowledge and tools for analyzing various forms of data from industrial and manufacturing processes, including those for change and anomaly detection as well as experimental design and simulation purposes. Broad applications found in manufacturing quality control, process optimization in healthcare industry, error monitoring and security surveillance. Train students with key competences relevant to lean and six sigma.

Minimum program semester credit hours (SCH)  Certificates - 12 hours*  Bachelors - 120 hours  Masters - 30 hours
Proposed program hours:  12 hours  □  □  □
*12 hours minimum to appear on transcript

Certificate Programs  ☑ Embedded  □ Standalone
Students take coursework that will result in a degree and certificate being earned at the same time.
Non-degree seeking students take coursework to earn a certificate only (no degrees are awarded).

Off-Campus or Distance Delivery
% of Program a student can take off-campus or through Distance Education
☐ 25%  □  □  □
☐ 50%  □  □  □
☐ 80%  □  □  □
☐ 100%  □ Fall 2017  □  □  □

SACSCOC Approval**  When Provost needs to inform SACSCOC
☐ Notification Only  □ Approval Only
☐ Approval Required  6 months before first day of program
☐ Approval Required  6 months before first day of program
☐ Approval Not Required  (DL is already in place)  6 months before first day of program

**Notification letter arranged through the Vice Provost for Academic Affairs and sent by TAMU President.

Program Delivery Mode
☐ On-campus
☐ Broadcast / TTVN
☐ Specific off-campus location***
☐ Distance Education / Internet  ☑ In-State  ☑ Out-of-State  Start Date  Fall 2017
☐ Out-of-Country
Will this program be offered with another institution?  ☐ Yes  ☑ No
If yes, contact the Vice Provost for Academic Affairs for additional reporting requirements.

☐ Is this an approved SACSCOC location?  ☑ Yes  ☐ No  If no, a program prospectus must be sent to SACSCOC.
Approved locations as of March 2012: TAMU-Galveston, TAMU-Qatar, University Center-The Woodlands, CityCentre-Houston, Dubai and Saudi Arabia.

Program Funding
Has program funding been finalized at the department or college level?  ☑ Yes  ☐ No

Revised 04.11.2014
If no, explain or attach budget: 

Will new costs for the first five years of the program be under $2 million?  
If new costs exceed $2 million, coordinating board approval is required. 

☑ Yes  ☐ No
Submitted by (Contact Person):
Yu Ding
Name
yuding@tamu.edu
Email

Mike and Sugar Barnes Professor and Associate Dept. Head
Title
979-459-2343
Phone

Certification Statement
By signing below, the Dean of the College certifies the proposed program complies with coordinating board standards. If the program is delivered through Distance Education, the Dean of the College certifies that they are following the Principles of Good Practice for Academic Degree and Certificate Programs and Credit Courses Offered Electronically.

Use additional signature line if program is between three or more departments or colleges.

Signature, Department Head or Interdisciplinary Program Chair

Cesar O. Malave
Typed or Printed Name

Chair, College Review Committee
Date 4/12/16

Dean of College
Date 4/13/16

Chair, University Curriculum Committee or Graduate Council
Date

Additional Approvals Required: Faculty Senate and President.
New Program Request Form for Certificate Programs

Directions: An institution shall use this form to propose a new bachelor's or master's degree program. In completing the form, the institution should refer to the document Standards for Bachelor's and Master's Programs, which prescribes specific requirements for new degree programs. Note: This form requires signatures of (1) the Chief Executive Officer, certifying adequacy of funding for the new program; (2) a member of the Board of Regents (or designee), certifying Board approval, and (3) if applicable, a member of the Board of Regents or (designee), certifying that criteria have been met for staff-level approval. NOTE: Preliminary authority is required for all engineering programs. An institution that does not have preliminary authority for a proposed engineering program shall submit a separate request for preliminary authority prior to submitting the degree program request form. That request shall address criteria set in Coordinating Board rules Section 5.24 (a).

Administrative Information

1. Institution:
   Texas A&M University

2. Program Name – Show how the program would appear on the Coordinating Board’s program inventory (e.g., Bachelor of Business Administration degree with a major in Accounting):
   Certificate of Industrial Data Analytics

3. Proposed CIP Code:
   14 .3501 .00

4. Brief Program Description – Describe the program and the educational objectives:

   Teach the fundamental knowledge and tools for analyzing various forms of data from industrial and manufacturing processes, including those for change and anomaly detection as well as experimental design and simulation purposes. Broad applications found in manufacturing quality control, process optimization in healthcare industry, error monitoring and security surveillance. Train students with key competences relevant to lean and six sigma.

   Number of Semester Credit Hours Required

   12 credit hours.

5. Administrative Unit – Identify where the program would fit within the organizational structure of the university (e.g., The Department of Electrical Engineering within the College of Engineering):
   The Department of Industrial & Systems Engineering within the College of Engineering

6. Proposed Implementation Date – Report the first semester and year that students would enter the program:

   Fall 2017

7. Contact Person – Provide contact information for the person who can answer specific questions

Revised 01.14.2014
Program Information

I. Need

Note: Complete I.A and I.B only if preliminary authority for the program was granted more than four years ago. This includes programs for which the institution was granted broad preliminary authority for the discipline.

A. Job Market Need – Provide short- and long-term evidence of the need for graduates in the job market.

The need was determined based on discussions with industry personnel and student interest. There is a significant interest among our current on-campus students who would like to be trained in industrial data analytics and receive a certification. The program will also be marketed to industry practitioners via face-to-face visits, telephone conversations, conference and workshop interactions and email exchanges. Data analytics courses are currently offered through Massive Online Open Courses (MOOC), other universities and statistics department and have very good demand. The proposed course focusses on data analytics from an industrial engineering perspective. In the long term all industrial engineering practitioners who want to learn and expand their skills to data analytics and using data driven analysis to facilitate improvement are target customers for this program.

B. Student Demand – Provide short- and long-term evidence of demand for the program.

On-campus students:
Short Term – 25 students per semester, or 50 per year;
Long Term – 50 student per semester, or 100 per year;

Distance students
Short Term – 3 to 5 per semester, or 10-15 per year;
Long Term – 5 to 15 per semester, or 15-45 per year.

C. Enrollment Projections – Use this table to show the estimated cumulative headcount and full-time student equivalent (FTSE) enrollment for the first five years of the program. (Include majors only and consider attrition and graduation.)

Revised 01.14.2014
II. Quality

A. Certificate and Degree Requirements – Use this table to show the certificate and degree requirements of the program. *(Modify the table as needed; if necessary, replicate the table for more than one option.)*

<table>
<thead>
<tr>
<th>Category</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Core Curriculum</td>
<td>0</td>
</tr>
<tr>
<td><em>(bachelor’s degree only)</em></td>
<td></td>
</tr>
<tr>
<td>Required Courses</td>
<td>12 hours</td>
</tr>
<tr>
<td>Prescribed Electives</td>
<td>0</td>
</tr>
<tr>
<td>Free Electives</td>
<td>0</td>
</tr>
<tr>
<td>Other <em>(Specify, e.g., internships, clinical work)</em></td>
<td>(if not included above)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>12 hours</td>
</tr>
</tbody>
</table>

B. Curriculum – Use these tables to identify the required courses and prescribed electives of the program, and curriculum as it will appear in the undergraduate and graduate catalog. Note with an asterisk (*) courses that would be added if the program is approved. *(Add and delete rows as needed. If applicable, replicate the tables for different tracks/options as shown in the undergraduate catalog.)*

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Required Courses</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISEN 613</td>
<td>Engineering Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ISEN 614</td>
<td>Advanced Quality Control</td>
<td>3</td>
</tr>
<tr>
<td>ISEN 616</td>
<td>Design and Analysis of Industrial Experiments</td>
<td>3</td>
</tr>
<tr>
<td>ISEN 625</td>
<td>Simulation Methods and Applications</td>
<td>3</td>
</tr>
</tbody>
</table>
### Prefix and Number

<table>
<thead>
<tr>
<th>Prescribed Elective Courses</th>
<th>SCH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| TOTAL SCH | 12 |

### C. Faculty

Use these tables to provide information about Core and Support faculty. Add an asterisk (*) before the name of the individual who will have direct administrative responsibilities for the program. *(Add and delete rows as needed.)*

<table>
<thead>
<tr>
<th>Name of Core Faculty and Faculty Rank</th>
<th>Highest Degree and Awarding Institution</th>
<th>Courses Assigned in Program</th>
<th>% Time Assigned To Program *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amarnath Banerjee, Associate Professor</td>
<td>Ph.D. in Industrial Engineering; University of Illinois - Chicago</td>
<td>ISEN 625</td>
<td>10%</td>
</tr>
<tr>
<td>Satish Bukkapatnam, Professor</td>
<td>Ph.D. in Industrial Engineering; Penn State University</td>
<td>ISEN 613, ISEN 616</td>
<td>25%</td>
</tr>
<tr>
<td>Yu Ding, Professor</td>
<td>Ph.D. in Mechanical Engineering; Univ. of Michigan</td>
<td>ISEN 616; ISEN 614; ISEN 613</td>
<td>25%</td>
</tr>
<tr>
<td>Li Zeng, Assistant Professor</td>
<td>Ph.D. in Industrial Engineering; University of Wisconsin - Madison</td>
<td>ISEN 614; ISEN 613; ISEN 616</td>
<td>25%</td>
</tr>
<tr>
<td>Rich Feldman, Senior Professor</td>
<td>Ph.D. in Industrial Engineering; Northwestern University</td>
<td>ISEN 625</td>
<td>5%</td>
</tr>
</tbody>
</table>

*Revised 01.14.2014*
<table>
<thead>
<tr>
<th>Name of Support Faculty and Faculty Rank</th>
<th>Highest Degree and Awarding Institution</th>
<th>Courses Assigned in Program</th>
<th>% Time Assigned To Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ciriacone Valdez-Flores, Professor of Practice</td>
<td>Ph.D. in Industrial Engineering; Texas A&amp;M University</td>
<td>ISEN 625</td>
<td>5%</td>
</tr>
<tr>
<td>Mike Graul; Adjunct Professor</td>
<td>Ph.D. in Industrial Engineering; Texas A&amp;M University</td>
<td>ISEN 625</td>
<td>5%</td>
</tr>
</tbody>
</table>

D. **Students** – Describe general recruitment efforts and admission requirements. How will students be accepted into the program? In accordance with the institution’s Uniform Recruitment and Retention Strategy, describe plans to recruit, retain, and graduate students from underrepresented groups for the program.

There is a significant interest among our current on-campus students who would like to be trained in industrial data analytics and receive a certification. The program will also be marketed to industry practitioners via face-to-face visits, telephone conversations, conference and workshop interactions and email exchanges. Data analytics courses are currently offered through Massive Online Open Courses (MOOC), other universities and statistics department and have very good demand. The proposed course focuses on data analytics from an industrial engineering perspective. In the long term all industrial engineering practitioners who want to learn and expand their skills to data analytics and using data driven analysis to facilitate improvement are target customers for this program.

Prospective students will follow the normal ISEN degree program admission process. Once admitted, they will get this certificate, after meeting the certificate requirements.

We will aim for a diverse and dynamic student body. To achieve this goal, we will advertise the proposed certificate program through the department website, college website, ISEN distance learning website, brochures, and through our industry contacts and at Industrial Engineering conferences. In addition we will request all the department heads to assist in marketing the program on campus, and in the USA and internationally.

E. **Library** – Provide the library director’s assessment of library resources necessary for the program. Describe plans to build the library holdings to support the program.

Nothing special.

F. **Facilities and Equipment** – Describe the availability and adequacy of facilities and equipment to support the program. Describe plans for facility and equipment improvements/additions.

Nothing extra.
G. Accreditation – If the discipline has a national accrediting body, describe plans to obtain accreditation or provide a rationale for not pursuing accreditation.

No

H. Evaluation – Describe the evaluation process that will be used to assess the quality and effectiveness of the new degree program.

The ISEN department will develop an appropriate annual or bi-annual review process to evaluate the impact of the certificate program. The review process will include evaluation of recruitment, curriculum, faculty, and student feedback. The review of the program will be conducted in a timely manner to assure assessment of prior performance and facilitate improvements.

I. Administration of Program – Describe how the program will be administered. Where will the program be administered (i.e., department, college)?

ISEN department will administer the program.

III. Costs and Funding

Five-Year Costs and Funding Sources - Use this table to show five-year costs and sources of funding for the program.

<table>
<thead>
<tr>
<th>Five-Year Costs</th>
<th>Five-Year Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel*</td>
<td>$0</td>
</tr>
<tr>
<td>Facilities and Equipment</td>
<td>$0</td>
</tr>
<tr>
<td>Library, Supplies,</td>
<td>$0</td>
</tr>
<tr>
<td>and Materials</td>
<td>$0</td>
</tr>
<tr>
<td>Other**</td>
<td>$0</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$0</td>
</tr>
<tr>
<td>Reallocated Funds</td>
<td>$0</td>
</tr>
<tr>
<td>Anticipated New Formula</td>
<td>$0</td>
</tr>
<tr>
<td>Funding</td>
<td>$0</td>
</tr>
<tr>
<td>Special Item Funding</td>
<td>$0</td>
</tr>
<tr>
<td>Other**</td>
<td>$0</td>
</tr>
<tr>
<td>Total Funding</td>
<td>$0</td>
</tr>
</tbody>
</table>

*Note: No extra cost is anticipated because these courses are already taught as part of ISEN graduate degree program. No new hiring is needed either.

1. Report costs for new faculty hires, graduate assistants, and technical support personnel. For new faculty, prorate individual salaries as a percentage of the time assigned to the program. If existing faculty will contribute to program, include costs necessary to maintain existing programs (e.g., cost of adjunct to cover courses previously taught by faculty who would teach in new program).

2. Specify other costs here (e.g., administrative costs, travel).

3. Indicate formula funding for students new to the institution because of the program; formula funding should be included only for years three through five of the program and should reflect enrollment projections for years three through five.

4. Report other sources of funding here. In-hand grants, “likely” future grants, and designated tuition and fees can be included.
## Signature Page

1. **Adequacy of Funding** – The chief executive officer shall sign the following statement:

   *I certify that the institution has adequate funds to cover the costs of the new program. Furthermore, the new program will not reduce the effectiveness or quality of existing programs at the institution.*

<table>
<thead>
<tr>
<th>Chief Executive Officer</th>
<th>Date</th>
</tr>
</thead>
</table>

2. **Board of Regents or Designee Approval** – A member of the Board of Regents or designee shall sign the following statement:

   *On behalf of the Board of Regents, I approve the program.*

<table>
<thead>
<tr>
<th>Board of Regents (Designee)</th>
<th>Date of Approval</th>
</tr>
</thead>
</table>

3. **Board of Regents Certification of Criteria for Commissioner of Assistant Commissioner Approval** – For a program to be approved by the Commissioner or the Assistant Commissioner for Academic Affairs and Research, the Board of Regents or designee must certify that the new program meets the eight criteria under TAC Section 5.50 (b): The criteria stipulate that the program shall:

   (1) be within the institution’s current Table of Programs;
   (2) have a curriculum, faculty, resources, support services, and other components of a degree program that are comparable to those of high quality programs in the same or similar disciplines at other institutions;
   (3) have sufficient clinical or in-service sites, if applicable, to support the program;
   (4) be consistent with the standards of the Commission of Colleges of the Southern Association of Colleges and Schools and, if applicable, with the standards or discipline-specific accrediting agencies and licensing agencies;
   (5) attract students on a long-term basis and produce graduates who would have opportunities for employment; or the program is appropriate for the development of a well-rounded array of basic baccalaureate degree programs at the institution;
   (6) not unnecessarily duplicate existing programs at other institutions;
   (7) not be dependent on future Special Item funding
   (8) have new five-year costs that would not exceed $2 million.

   *On behalf of the Board of Regents, I certify that the new program meets the criteria specified under TAC Section 5.50 (b).*

<table>
<thead>
<tr>
<th>Board of Regents (Designee)</th>
<th>Date</th>
</tr>
</thead>
</table>
PROPOSAL TO OFFER TWO MASTER'S NON-THESIS DEGREE PROGRAMS AS A SIMULTANEOUS TWO-DEGREE PROGRAM

We the undersigned propose to offer a two-degree masters program consisting of the following degrees:

1. The Master of Science, with a major in Kinesiology; and
2. The Master of Science, with a major in Nutrition

It is understood that:

- The student will submit a separate degree plan for each of the two programs.
- A degree plan will carry a minimum of the number of hours required for the specific degree, except for those programs of 48 hours or more, which may be allowed to be reduced to 36 hours. For programs with a minimum of 30 hours (e.g., the MEN or MCS), the degree plan may carry a minimum of 30 hours. Any individual course may not appear on both degree plans.
- The committees for each degree plan will have different chairs/co-chairs. The complete committee membership may be identical for both degrees.
- The committees will conduct:
  - One joint final examination
  - Two separate final examinations
- The student will have one cumulative GPR while pursuing the two-degree programs, but will have a separate degree plan GPR for each degree plan.

A detailed program description must be submitted with a proposal to offer a two-degree program.

For the Department of Nutrition
And Food Science

For the Department of Health And
Kinesiology

Dean of College

Dean of Graduate Studies
Guidelines for the Establishment of Two-Degree programs at the Masters Level

- The creation of two-degree programs by combining existing non-thesis degrees is encouraged and permissible as long as the requirements for each degree remain unchanged. Degree programs that currently require more than 36 hours may reduce the required number of hours to 36 for students in the two-degree program by recognition of some credits on the second degree plan. Any individual course may not appear on both degree plans, however. Non-thesis degree programs that currently require a minimum of 30 or 36 hours must continue to carry the minimum number of hours required for the specific degree.

- The two-degree masters programs will involve a formal development of the programs between the two colleges, departments, or programs involved.

- Two-degree masters programs must be approved by the dean of each of the colleges involved. The Dean of Graduate Studies will be the final approval authority for the two-degree programs. The program may be referred to the Graduate Council for discussion and comments.

- Students should declare their intentions to enroll in two-degree programs at the time of application to their graduate studies or early in their education process. This will ensure the maximum benefit from a two-degree program.

- All approved two-degree programs will be listed in a separate section, “Two-Degree Masters Programs”, in the Graduate Catalog as well as in the individual college sections.

Procedural Issues:

- **Application:** A single application will be processed simultaneously by the two-degree programs.

- **Admission:** The applicant must be admitted by both programs to be a participant in the two-degree program. If once admitted and subsequently resigned from, or dropped by one of the degree programs, all requirements revert to those of the remaining department.

- **Degree plan:** Two degree plans, one for each program, will be submitted signed by a graduate advisory committee and the respective department heads or deans. Although the committees for each degree plan will have different chairs/co-chairs, the committee membership may be identical for both degrees.

- **Graduation:** Students will graduate simultaneously with both degrees.
Dual Masters (M.S./M.S.) in Kinesiology and Nutrition

Purpose

The purpose of the Dual Masters program in Kinesiology and Nutrition is to provide integrative training for students who intend to become licensed practitioners in Sport or Clinical settings.

Rationale

Pursuing these two degrees simultaneously will provide better integration of material across the two disciplines (Exercise Physiology and Human Nutrition) leading to superior training for future professionals working in sport or clinical settings. Administratively, being enrolled in two MS programs simultaneously, which is normally prohibited, will streamline the process of acquiring two degrees and save the student time and money.

Undergraduate Prerequisites

Common for Kinesiology and Nutrition

- Anatomy and Physiology I & II
- Introductory Chemistry I & II and lab
- Organic Chemistry I & II
- Organic Chemistry Lab
- Calculus or Statistics

Kinesiology Specific

- Physiology of Exercise (KINE 433)
- College Physics or Exercise Biomechanics (KINE 426)

Didactic specific non-Nutrition

- Genetics
- Biochemistry I & II

Didactic specific Nutrition

- Scientific Principles of Human Nutrition (NUTR 203)
- Scientific Principles of Food (NUTR 211)
- Nutrition Through Life (NUTR 301)
- Food Services Systems Management (NUTR 304)
- Nutrition Assessment and Planning (NUTR 404)
- Nutritional Treatment of Disease (NUTR 405)
- Community Nutrition (NUTR 430)
- Nutrition and Physiological Chemistry (NUTR 470)
- Seminar (NUTR 481)
Admissions

Apply through Apply Texas (https://www.applytexas.org/). Submit all transcripts, Graduate Record Examination (GRE), 3 letters of recommendation, purpose statement and a resume by the December 1st deadline. One application is submitted for both programs and students must be accepted in each program separately. Additionally, students must apply and be accepted into the Dietetic Internship which requires that all didactic requirements have been satisfied as determined by a Verification Statement.

Departments

Health and Kinesiology http://hktnweb.tamu.edu/
Nutrition and Food Science http://nfs.tamu.edu/

Tracks

Clinical Track, page 5-6 (Includes dietetic and clinical exercise physiology internships)
Sports Track, page 7-8 (Includes dietetic internship and sport physiology practicum)

Assistantships/Fellowships/Scholarships available on a competitive basis

Physical Education and Activity Program Teaching Assistantship
Kinesiology Graduate Teaching Assistantship
Nutrition Graduate Teaching Assistantship
Department of Athletics Sport Performance Assistantship (proposed)
Merit Fellowship
Sport Nutrition Graduate Assistantship (proposed)
EAS Academy Graduate Scholarship ($1500, http://www.sportsrd.org/?page_id=1466)

National Certifications/Licensures

Upon completion of the Dual Masters Degree and associated internships/practicum, students will be prepared to sit for National Exams to become a Registered Dietician (RD), Certified Strength and Conditioning Specialist (CSCS), Strength & Conditioning Coach Certified (SCCC), and/or a Registered Clinical Exercise Physiologist (RCEP).

Board Certification as a Specialist in Sports Dietetics requires an RD for at least 2 years, 1500 hours of specialty practice and passing a specialty exam. (https://www.cdrnet.org/certifications/board-certification-as-a-specialist-in-sports-dietetics). Clinical Nutrition specializations can also be found at www.cdrnet.org.
Professional Memberships

American College of Sports Medicine (http://www.acsm.org/ RCEP sponsoring org)
Academy of Nutrition and Dietetics (http://www.eatrightpro.org/ RD sponsoring org)
National Strength and Conditioning Association (http://www.nsca.com/ CSCS sponsoring org)
International Society of Sports Nutrition (http://www.sportsnutritionsociety.org/)
Collegiate and Professional Sports Dietetic Association (www.sportsrd.org)
Collegiate Strength and Conditioning Coaches Association (http://www.cscca.org/ SCCC sponsoring org)

Graduate Advising

Nutrition, Kristen de Ruiter, Academic Advisor II
129 Cater-Mattil, kderuiter@tamu.edu 979-845-2142

Kinesiology, Tami Hawkins, Academic Advisor II
325 Blocker, thawkins@tamu.edu 979-458-2673

Director, Dietetic Internship
Karen Geismar, Lecturer, 979-845-5713, kgeismar@tamu.edu

Director, Didactic Program
Karen Beathard, Senior Lecturer, 979-862-7621, kbeathard@tamu.edu

Director, Texas National Strength and Conditioning Association
Mike Greenwood, Clinical Professor, 979-862-4667, mgreenwood@hlkn.tamu.edu

Director, MS Clinical Exercise Physiology Program
John Green, Clinical Professor, 979-845-3991 jsgreen@tamu.edu

Director, MS Sport Physiology Program
Stephen Crouse, Professor, 979-845-3997 s-crouse@tamu.edu

Director, Performance Nutrition, TAMU Athletics
Jonathan Tanguay, 979-862-6020, jtanguay@athletics.tamu.edu

Assistant Director, Performance Nutrition, TAMU Athletics
Blair Hitchcock, bhitchcock@athletics.tamu.edu
General Program Progression

Foundations (Year 1)

KINE 6905  Theory of Kinesiology Research (Statistics)
KINE 601   Reading Research Publications in Kinesiology
VTPP 605   Systemic Veterinary Physiology I
KINE 637   Exercise Physiology I
KINE 638   Exercise Physiology II
NUTR 641   Nutritional Biochemistry

Integration (Year 1 and 2)

KINE 626   Exercise for Clinical Populations
KINE 639   Exercise Electrocardiography
NUTR 630   Nutrition in Disease
KINE 628   Nutrition in Sport and Exercise
KINE 629   Physiology of Strength & Conditioning
KINE 647   Instrumentation and Techniques in Ex Phys I
KINE 648   Instrumentation and Techniques in Ex Phys II
Elective   Advisor Directed
NUTR 6**   Nutrition Elective
NUTR 681   Seminar
KINE 681   Seminar

Application (Year 2 and 3)

KINE 685   Directed Study
NUTR 685   Directed Study
KINE 683   Practicum in KINE (Sport Physiology)
NUTR 684   Professional Internship
KINE 684   Professional Internship
### MS Clinical Exercise Physiology

**Non-Thesis Option (current)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 601</td>
<td>Reading Research Publications In Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINE 626</td>
<td>Exercise for Clinical Populations</td>
<td>3</td>
</tr>
<tr>
<td>KINE 628</td>
<td>Nutrition in Sport and Exercise</td>
<td>3</td>
</tr>
<tr>
<td>KINE 637</td>
<td>Exercise Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>KINE 638</td>
<td>Exercise Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>KINE 639</td>
<td>Exercise Electrocardiography</td>
<td>3</td>
</tr>
<tr>
<td>KINE 648</td>
<td>Instrumentation and Techniques in Exercise Physiology II</td>
<td>2</td>
</tr>
<tr>
<td>KINE 681</td>
<td>Seminar</td>
<td>2</td>
</tr>
<tr>
<td>KINE 683</td>
<td>Practicum in Exercise Evaluation and Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KINE 684</td>
<td>Professional Internship</td>
<td>4</td>
</tr>
<tr>
<td>KINE 690S*</td>
<td>Theory of Kinesiology Research (Statistics)</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Advisor Directed</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td><strong>Total Minimum Hours</strong></td>
<td>38</td>
</tr>
</tbody>
</table>

**Non-Thesis Option (for Dual Masters)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 601</td>
<td>Reading Research Publications In Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KINE 626</td>
<td>Exercise for Clinical Populations</td>
<td>3</td>
</tr>
<tr>
<td>KINE 628</td>
<td>Nutrition in Sport and Exercise</td>
<td>3</td>
</tr>
<tr>
<td>KINE 637</td>
<td>Exercise Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>KINE 638</td>
<td>Exercise Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>KINE 639</td>
<td>Exercise Electrocardiography</td>
<td>3</td>
</tr>
<tr>
<td>KINE 648</td>
<td>Instrumentation and Techniques in Exercise Physiology II</td>
<td>2</td>
</tr>
<tr>
<td>KINE 681</td>
<td>Seminar</td>
<td>2</td>
</tr>
<tr>
<td>KINE 683</td>
<td>Practicum in Exercise Evaluation and Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KINE 684</td>
<td>Professional Internship</td>
<td>4</td>
</tr>
<tr>
<td>KINE 685</td>
<td>Directed Study</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Advisor Directed</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td><strong>Total Minimum Hours</strong></td>
<td>38</td>
</tr>
</tbody>
</table>

**MS Nutrition**

**Non-Thesis Option (current)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nutrition</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Physiology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Statistics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Nutrition Seminar (2x601, 1x602)</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>Electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Minimum Hours</strong></td>
<td>32</td>
</tr>
</tbody>
</table>

**Non-Thesis Option (for Dual Masters)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 620</td>
<td>Nutrition in Disease</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 6**</td>
<td>Nutrition Elective (601, 602, 613, 618, 642, 645, 650)</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 641</td>
<td>Nutritional Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>VTPP 605</td>
<td>Systemic Veterinary Physiology I</td>
<td>5</td>
</tr>
<tr>
<td>STAT 651</td>
<td>Statistics In Research I</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 681</td>
<td>Seminar (1x601, 1x602)</td>
<td>2</td>
</tr>
<tr>
<td>NUTR 684</td>
<td>Professional Internship</td>
<td>4</td>
</tr>
<tr>
<td>NUTR 685</td>
<td>Directed Study</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>Advisor Directed</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td><strong>Total Minimum Hours</strong></td>
<td>32</td>
</tr>
</tbody>
</table>

The main change is the substitution of KINE 690 Statistics with KINE 685 Directed study. The statistics need is satisfied with the Nutrition degree plan. The 3 credits of Directed Study for each degree plan is to be used to develop one integrative project (Research study, review paper) as determined by the student’s committees.
# MS/MS Clinical Exercise Physiology and Nutrition

## Non-Thesis

### Fall I

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>VTPP 605</td>
<td>Systemic Veterinary Physiology I</td>
<td>5</td>
</tr>
<tr>
<td>KINE 638</td>
<td>Exercise Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>KINE 681</td>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td>NUTR 620</td>
<td>Nutrition in Disease</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 681</td>
<td>Seminar (601)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>13</strong></td>
</tr>
</tbody>
</table>

### Spring I

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 637</td>
<td>Exercise Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 641</td>
<td>Nutritional Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 6**</td>
<td>Nutrition Elective (601, 602, 613, 618, 642, 645, 650)</td>
<td>3</td>
</tr>
<tr>
<td>KINE 690S</td>
<td>Theory of Kinesiology Research (Statistics)</td>
<td>3</td>
</tr>
<tr>
<td>KINE 681</td>
<td>Seminar</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>13</strong></td>
</tr>
</tbody>
</table>

### Summer I

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 628</td>
<td>Nutrition in Sport and Exercise</td>
<td>3</td>
</tr>
<tr>
<td>KINE 601</td>
<td>Reading Research Publications in Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Advisor Directed</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>9</strong></td>
</tr>
</tbody>
</table>

### Fall II

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 626</td>
<td>Exercise for Clinical Populations</td>
<td>3</td>
</tr>
<tr>
<td>KINE 639</td>
<td>Exercise Electrocardiography</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 685</td>
<td>Directed Study</td>
<td>3</td>
</tr>
<tr>
<td>NUTR 681</td>
<td>Seminar (602)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>

### Spring II

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KINE 683</td>
<td>Practicum in Exercise Evaluation and Prescription</td>
<td>3</td>
</tr>
<tr>
<td>KINE 648</td>
<td>Instrumentation and Techniques in Ex Phys II</td>
<td>2</td>
</tr>
<tr>
<td>KINE 685</td>
<td>Directed Study</td>
<td>3</td>
</tr>
<tr>
<td>Elective</td>
<td>Advisor Directed</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>11</strong></td>
</tr>
</tbody>
</table>

### Summer II

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td>Advisor Directed</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>6</strong></td>
</tr>
</tbody>
</table>

### Fall III through Summer III

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR 684</td>
<td>Professional Internship</td>
<td>4</td>
</tr>
<tr>
<td>KINE 684</td>
<td>Professional Internship</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>8</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours Nutrition</strong></td>
<td><strong>32</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours Kinesiology</strong></td>
<td><strong>38</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours Dual Masters</strong></td>
<td><strong>70</strong></td>
</tr>
</tbody>
</table>
The main change is the substitution of KINE 690 Statistics with KINE 685 Directed study. The statistics need is satisfied with the Nutrition degree plan. The 3 credits of Directed Study for each degree plan is to be used to develop one integrative project (Research study, review paper) as determined by the student’s committees.
# MS/MS Sport Physiology and Nutrition
## Non-Thesis

### Fall I
<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>VTPP 605</td>
<td>Systemic Veterinary Physiology I</td>
</tr>
<tr>
<td>3</td>
<td>KINE 638</td>
<td>Exercise Physiology II</td>
</tr>
<tr>
<td>1</td>
<td>KINE 681</td>
<td>Seminar</td>
</tr>
<tr>
<td>3</td>
<td>NUTR 630</td>
<td>Nutrition In Disease</td>
</tr>
<tr>
<td>1</td>
<td>NUTR 681</td>
<td>Seminar (601)</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>Total Hours</td>
</tr>
</tbody>
</table>

### Spring I
<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>KINE 637</td>
<td>Exercise Physiology I</td>
</tr>
<tr>
<td>3</td>
<td>NUTR 641</td>
<td>Nutritional Biochemistry</td>
</tr>
<tr>
<td>3</td>
<td>NUTR 6**</td>
<td>Nutrition Elective (601, 602, 613, 618, 642, 644, 650)</td>
</tr>
<tr>
<td>3</td>
<td>KINE 690S</td>
<td>Theory of Kinesiology Research (Statistics)</td>
</tr>
<tr>
<td>1</td>
<td>KINE 681</td>
<td>Seminar</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>Total Hours</td>
</tr>
</tbody>
</table>

### Summer I
<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>KINE 628</td>
<td>Nutrition in Sport and Exercise</td>
</tr>
<tr>
<td>3</td>
<td>KINE 601</td>
<td>Reading Research Publications in Kinesiology</td>
</tr>
<tr>
<td>3</td>
<td>Elective</td>
<td>Advisor Directed</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Total Hours</td>
</tr>
</tbody>
</table>

### Fall II
<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>KINE 683</td>
<td>Practicum I in KINE (Sport Physiology)</td>
</tr>
<tr>
<td>3</td>
<td>KINE 648</td>
<td>Instrumentation and Techniques in Ex Phys II</td>
</tr>
<tr>
<td>1</td>
<td>KINE 639</td>
<td>Exercise Electrocardiography</td>
</tr>
<tr>
<td>3</td>
<td>NUTR 685</td>
<td>Directed Study</td>
</tr>
<tr>
<td>1</td>
<td>NUTR 681</td>
<td>Seminar (602)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Hours</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Spring II
<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>KINE 629</td>
<td>Physiology of Strength &amp; Conditioning</td>
</tr>
<tr>
<td>3</td>
<td>KINE 683</td>
<td>Practicum II in KINE (Sport Physiology)</td>
</tr>
<tr>
<td>3</td>
<td>KINE 648</td>
<td>Instrumentation and Techniques in Ex Phys I</td>
</tr>
<tr>
<td>3</td>
<td>KINE 685</td>
<td>Directed Study</td>
</tr>
<tr>
<td>3</td>
<td>Elective</td>
<td>Advisor Directed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Hours</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Summer II
<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Elective</td>
<td>Advisor Directed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Hours</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Fall III through Summer III
<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>NUTR 684</td>
<td>Professional Internship</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Total Hours</td>
</tr>
<tr>
<td>32</td>
<td></td>
<td>Total Hours Nutrition</td>
</tr>
<tr>
<td>36</td>
<td></td>
<td>Total Hours Kinesiology</td>
</tr>
<tr>
<td>68</td>
<td></td>
<td>Total Hours Dual Masters</td>
</tr>
</tbody>
</table>
April 12, 2016

To: Dr. Leonard Bright  
   Assistant Dean of Graduate Education  
   Chair of Graduate Council

From: Dr. David W. Reed  
   Associate Dean for Graduate Programs and Faculty Development  
   College of Agriculture and Life Sciences

The attached Administrative Change Request to Change an Existing Degree Program and memo to Dr. Joe Pettibon for the CIP code changes for MS and PhD Horticulture Science summer programs was approved at the Graduate Council Program January 2016 meeting.
December 8, 2015

TO: Mr. Joe Pettibon
Associate Vice President for Academic Services
Office of the Provost

THROUGH: Dr. David Reed, Associate Dean
College Of Agriculture and Life Sciences

THROUGH: Dr. R. Daniel Lineberger, Professor and Head
Department of Horticultural Sciences

FROM: Dr. Patricia Klein, Associate Professor and Associate Head for Graduate Programs
Department of Horticultural Sciences

The Department of Horticultural Sciences requests a change in the CIP Code for two of our Horticultural graduate degree programs, the Master of Science and the Doctor of Philosophy. Currently, the MS and PhD degree programs in Horticulture are classified under CIP Code 01.0601 Applied Horticulture/Horticulture Operations, General. We are requesting that they be reclassified under CIP Code 01.1103 Horticultural Science. CIP Code 01.1103 is more appropriate for our MS and PhD programs in Horticultural Science because these degree programs focus on the scientific principles related to the growth and development of horticultural crops and ornamental plants. Most of our MS and PhD students conduct basic research in plant physiology, breeding, genetics, genomics, phytochemical analysis, post-harvest biology/physiology, plant-microbe interactions, and molecular biology. Our graduate courses which support these two degree programs are rooted in these scientific principles as well and include such courses as HORT 604 Applied Physiology of Horticultural Crops, HORT 610 Physiological and Molecular Basis for Plant Stress Response, HORT 618 Root Biology, HORT 630 Post-Harvest Biology, Physiology and Genetics of Plants, HORT 640 Phytochemicals in Fruits and Vegetables to Improve Human Health and HORT 641 Science of Foods for Health.

The requested CIP Code change would not be associated with a change in the degree designator and would also not be associated with a change in degree name. The change of CIP code does not change the focus or purpose of the degree nor does it change the completion requirements for either degree. No changes in core faculty will be required and no new costs will be incurred to implement this change.
Administrative Change Request
Change to An Existing Degree Program

Instructions. Institutions requesting a change to an existing degree program should address the factors below in determining if the request is a degree modification or would necessitate a request for a new degree program. No one factor necessarily determines the decision but in general the more extensive the change(s) the more likely the need for a new program request.

I. Current Degree Information: (list current degree program, CIP code, and administrative structure)

Current degree programs include the Master of Science in Horticulture and the PhD in Horticulture, CIP code for both degree programs is currently 01.0601. These programs are administered through the Department of Horticultural Sciences through the Associate Head for Graduate Programs.

II. Proposed Change:

A. Program Identification: Describe changes to the program identification.
   1. Change name. No Change requested
   2. Change in degree designation (e.g., EdD to PhD, MS to MBA, BA to BS, etc.). No Change requested
      CIP Code change. We request a CIP Code change for both the MS and PhD programs in Horticultural Science from 01.0601 to 01.1103.
   3. Change in administrative unit. No Change requested

B. Justification for Change: Describe the content of the existing degree program authorized by the Coordinating Board and evidence of the need for the change.

   We are requesting this change because both the MS and PhD programs in Horticultural Sciences within our department focus on the scientific principles related to the growth and development of horticultural crops and ornamental plants. Our students conduct basic research in plant physiology, breeding, genetics, genomics, phytochemical analysis, post-harvest biology/physiology, plant-microbe interactions, and molecular biology. Our graduate courses which support these two degree programs are rooted in these scientific principles as well and include such courses as HORT 604 Applied Physiology of Horticultural Crops, HORT 610 Physiological and Molecular Basis for Plant Stress Response, HORT 618 Root Biology, HORT 630 Post-Harvest Biology, Physiology and Genetics of Plants, HORT 640 Phytochemicals in Fruits and Vegetables to Improve Human Health and HORT 641 Science of Foods for Health.

C. Other Changes Associated With Request.
   1. Focus/purpose or objectives/mission of degree. No change
   2. Additional areas of employment available to graduates. No change

D. Describe changes in the curriculum:
   Include information on:
1. Degree completion requirements. **No change requested.**
2. Additional new courses to be added. **No change requested.**
3. Changes to existing courses. **No change requested.**
4. Courses common to all students in the degree plan **No change requested.**
5. How will the set of courses required of all students in the degree program change? **No change requested.**
6. New specializations (tracks, concentrations, focus areas, emphases, etc.) **No change requested.**

**E. Describe new accreditation, licensure & certification**
1. What new program accreditation would become available? **No change.**
2. What new professional licensure or certification would become available? **No change.**

**F. Describe changes needed in core faculty**
1. New faculty needed to implement proposed change **No change needed.**
2. New areas of expertise sought in additional faculty during past three years that have contributed to degree program change **No change needed.**
3. New areas of expertise in additional faculty that will be hired during the upcoming three year **No change needed.**
4. Existing faculty that will be reassigned to a different program or terminated. Other faculty that would become responsible for program delivery. **No change needed.**

**G. Cost:**
1. Please indicate **new** costs that will be incurred with the modification to the degree program during the first five years after the changes. **No new costs will be incurred.**
2. How will these costs be met? **Not-applicable**
Notification Form for Change to An Existing Degree Program  
Texas Higher Education Coordinating Board

**Directions:** An institution shall use this form to notify the Board of a change to an existing degree program that does not require a new degree program request.

**Information:** Contact the Division of Workforce, Academic Affairs and Research at 512/427-6200 for more information.

---

**Administrative Information**

1. **Institution:** Texas A&M University, College Station

2. **Description of Degree Program Change:** A request to change the CIP code of the Horticultural Science MS and PhD programs from 01.0601 to 01.1103. The proposed CIP code 01.1103 more accurately reflects the programs' curriculum and the training that the students receive. These students focus on the scientific principles related to the growth and development of horticultural crops and ornamental plants, and conduct basic research in plant physiology, breeding, genetics, genomics, phytochemical analysis, post-harvest biology/physiology, plant-microbe interactions, and molecular biology.

3. **Degree Program Inventory Change:** (attach annotated degree inventory if needed) This change would move the MS and PhD programs in Horticultural Science from CIP code 01.0601 to CIP code 01.1103. There is no proposed name change and no administrative change for these programs.

4. **Implementation Date:** 09/01/2016

5. **Phase Out Date (if applicable):** (MM/DD/YY) The two degree programs being impacted will not be phased out.

6. **Contact Person:** Provide contact information for the person who can answer specific questions about the program.

   - **Name:** Dr. Patricia Klein
   - **Title:** Associate Professor and Associate Head for Graduate Programs, Dept. of Horticultural Sciences
   - **E-mail:** pklen@tamu.edu
   - **Phone:** 979-862-6308
Signature Page

Institutional Approval:

____________________________________  ___________________________
Karan L. Watson
Provost and Executive Vice President

Texas A&M University System Approval:

____________________________________  ___________________________
James R. Hallmark, PhD
Vice Chancellor for Academic Affairs
Texas A&M University System
MEMORANDUM

To: Dr. Bob Strawser, Speaker of the Faculty Senate
    Dr. Leonard Bright, Graduate Council Chair

From: Aric Short, Vice Dean

Date: April 22, 2016

Re: Approval of New Graduate Courses for New Graduate Programs in the School of Law

The purpose of this memorandum is to request approval of new graduate courses for the School of Law, so that each existing Juris Doctor (J.D.) course is assigned not just its current 7000-level number (as a professional course), but also a new 600-level number (as a graduate course). We are making this request through a memorandum because of our unusual circumstances: The School of Law is beginning four new graduate degree programs next year, and we plan to offer all of our existing J.D. courses within those new degrees. As a result, rather than submitting a new graduate course form and syllabus for each of our over-150 existing J.D. courses, we are requesting approval of those courses to reflect their dual status as both professional and graduate courses.

This memorandum provides brief background information about the new degree programs that will be implemented at the School of Law during the coming year, as well as why new course numbers are necessary. Attached to this memorandum are four supporting documents. Attachment 1 is a spreadsheet of existing J.D. courses with their 7000-level numbers, as well as the proposed 600-level numbers. Attachment 2 provides the minimum syllabus requirements for J.D. classes at the School of Law. These requirements follow the university’s minimum syllabus requirements, although there are a few variances because of the unique academic policies of the School of Law, which are reflected in university rules or policies (for example, syllabi for courses taught in Fort Worth list the Assistant Dean for Student Affairs as our ADA contact person; this is consistent with the contact information listed on the university disability website (see http://disability.tamu.edu/alternativecontacts)). Attachment 3 provides information that will be included in the syllabus of each School of Law course that will be taught as a graduate course beginning in the 2016-2017 academic year. Specifically, the information listed in Attachment 3 will reflect policies or standards that will change for graduate students enrolled in these courses, as compared to the policies or standards that currently apply to J.D. students. This information relates to grading, prerequisites, and assessment of graduate students in these courses. Attachment 4 is a syllabus for one of our existing courses, providing an example of how our syllabi will be modified (with the changes reflected in Attachment 3) to account for LL.M. and M.Jur. students joining J.D. students in these classes.
I. Description of Current and New Degrees

The School of Law has received all of the necessary approvals to begin offering four new graduate degrees beginning as early as fall of 2016: a Master of Laws (LL.M.) (General), an LL.M. in Intellectual Property; a Master of Jurisprudence (M.Jur.) (General), and an M.Jur. in Intellectual Property. Following is a brief explanation of the distinction between the J.D., LL.M., and M.Jur. degrees, including the target student audience for each.

- **J.D. Program.** This existing degree program for the School of Law is a first professional degree. It is a 90-credit hour program that prepares students to sit for a state bar examination and practice law. Our current catalog of J.D. classes exceeds 150. J.D. students are required to take required courses that total 47-48 credit hours, and they may choose from a wide range of upper level electives to satisfy their remaining 42-43 credit hours.

- **LL.M. Program (General and I.P.).** These 24-credit hour graduate degrees are designed for students who already have a first law degree, either from an American Bar Association-approved U.S. law school or a foreign law school. Typically, students seek an LL.M. for a variety of reasons, including the following: (1) U.S. lawyers may want to change direction in their legal practice and seek both foundational and advanced courses in new doctrinal or skills areas; (2) foreign lawyers may want a general grounding in U.S. law to prepare them to sit for a state bar examination or counsel their clients in a foreign country about the U.S. legal system or their rights in the United States; and (3) U.S. or foreign lawyers may want advanced training in particular areas of law where employers typically expect significant specialization and upper-level course work, such as intellectual property and tax.

LL.M. students will be enrolled in courses alongside J.D. students (and certain M.Jur. students, as described below). While LL.M. students already have a first law degree, they will not be allowed to enroll in LL.M. courses that substantially overlap with courses they took in their first law degree program. So while they are considered graduate students, they are on a very similar footing as the J.D. students with whom they will be studying. Recognizing that LL.M. students have already obtained a first law degree, these students will be required to have at least one additional assessment, as discussed in Attachment 3.

- **M.Jur. Program (General and I.P.).** These 30-credit hour graduate degrees are intended for students who do not wish to sit for a bar examination or practice law. Instead, M.Jur. students will currently possess or seek employment in areas related to law and will benefit from focused study in legal topics related to their areas of interest. We expect that M.Jur. students will have significant work experience between their undergraduate degrees and beginning their M.Jur. courses of study. Credit earned in an M.Jur. degree will not be transferable into the J.D. program.

Although M.Jur. students will be enrolled in law courses along with J.D. and LL.M. students, the School of Law plans to proceed with these degrees in a cautious manner. In particular, M.Jur. students during the 2016-2017 academic year will be limited to courses
in intellectual property, business law, and online programs in wealth and risk management. Faculty in each of these areas will ensure that M.Jur. students are given adequate supplemental education to provide them the necessary foundation to excel in the course. Assuming successful stacking of J.D., LL.M., and M.Jur. students in the same courses, the School of Law will evaluate opening a wider range of its catalog to M.Jur. students in future years.

II. **Stacked Courses**

Flowing from the descriptions above, the School of Law plans to have stacked courses. Our entire J.D. catalog (with perhaps a few exceptions) will be open to LL.M. students. A smaller subset of the J.D. catalog will be available for M.Jur. students. Neither the course descriptions nor the prerequisites will change for these courses. The course descriptions will not change because the actual course content – the overall substance of what will be taught – will remain the same for both professional and graduate students. Prerequisites will not change because (1) LL.M. students, having already earned a first law degree, will be subject to the same prerequisites as J.D. students; and (2) M.Jur. students, if they plan to enroll in courses with prerequisites, will be expected to have significant work or other experience that the School of Law may consider to be the equivalent of actual foundational courses.
Attachment 1
<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>COURSE</th>
<th>TITLE</th>
<th>STATUS</th>
<th>GRAD SUBJECT</th>
<th>GRADUATE COURSE</th>
<th>MIN CREDIT</th>
<th>MAX CREDIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7005</td>
<td>CIVIL PROCEDURE</td>
<td>Active</td>
<td>LAW</td>
<td>601</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7010</td>
<td>CONSTITUTIONAL LAW</td>
<td>Active</td>
<td>LAW</td>
<td>602</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7017</td>
<td>CONTRACTS</td>
<td>Active</td>
<td>LAW</td>
<td>603</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7021</td>
<td>CRIMINAL LAW</td>
<td>Active</td>
<td>LAW</td>
<td>604</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7032</td>
<td>PROPERTY</td>
<td>Active</td>
<td>LAW</td>
<td>605</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7042</td>
<td>TORTS</td>
<td>Active</td>
<td>LAW</td>
<td>606</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7056</td>
<td>BUSINESS ASSOCIATIONS I</td>
<td>Active</td>
<td>LAW</td>
<td>607</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7057</td>
<td>BUSINESS ASSOCIATIONS II</td>
<td>Active</td>
<td>LAW</td>
<td>608</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7065</td>
<td>CRIMINAL PROCEDURE</td>
<td>Active</td>
<td>LAW</td>
<td>609</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7076</td>
<td>WILLS AND ESTATES</td>
<td>Active</td>
<td>LAW</td>
<td>610</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7080</td>
<td>EVIDENCE</td>
<td>Active</td>
<td>LAW</td>
<td>611</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7091</td>
<td>PROFESSIONAL RESP.</td>
<td>Active</td>
<td>LAW</td>
<td>612</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7104</td>
<td>ADVANCED TORTS</td>
<td>Active</td>
<td>LAW</td>
<td>613</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7107</td>
<td>ART CRIMES</td>
<td>Inactive</td>
<td>LAW</td>
<td>614</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7108</td>
<td>ACCOUNTING FOR LAWYERS</td>
<td>Active</td>
<td>LAW</td>
<td>615</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7113</td>
<td>ADMINISTRATIVE LAW</td>
<td>Active</td>
<td>LAW</td>
<td>616</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7114</td>
<td>ADOPTION LAW</td>
<td>Active</td>
<td>LAW</td>
<td>617</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7120</td>
<td>ETH FOR THE CRIM LAW PRAC</td>
<td>Active</td>
<td>LAW</td>
<td>618</td>
<td>1, 2</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7122</td>
<td>AGENCY &amp; PARTNERSHIP</td>
<td>Active</td>
<td>LAW</td>
<td>619</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7127</td>
<td>ANTITRUST</td>
<td>Inactive</td>
<td>LAW</td>
<td>620</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7131</td>
<td>PATENT LITIGATION</td>
<td>Active</td>
<td>LAW</td>
<td>621</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7137</td>
<td>BANKING LAW</td>
<td>Active</td>
<td>LAW</td>
<td>622</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7145</td>
<td>BANKRUPTCY</td>
<td>Active</td>
<td>LAW</td>
<td>623</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7154</td>
<td>CHILDREN &amp; THE LAW</td>
<td>Active</td>
<td>LAW</td>
<td>624</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7162</td>
<td>CIVIL RIGHTS LITIGATION</td>
<td>Active</td>
<td>LAW</td>
<td>625</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7174</td>
<td>TRUSTS AND FIDUCIARY RESPON</td>
<td>Active</td>
<td>LAW</td>
<td>626</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7179</td>
<td>COMPLEX LITIGATION</td>
<td>Inactive</td>
<td>LAW</td>
<td>627</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7187</td>
<td>CONFLICT OF LAWS</td>
<td>Inactive</td>
<td>LAW</td>
<td>628</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7188</td>
<td>CONSTRUCTION LAW</td>
<td>Active</td>
<td>LAW</td>
<td>629</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7195</td>
<td>CONSUMER LAW</td>
<td>Active</td>
<td>LAW</td>
<td>630</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7203</td>
<td>COPYRIGHTS</td>
<td>Active</td>
<td>LAW</td>
<td>631</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7204</td>
<td>ADV ISSUES CRIM JUSTICE</td>
<td>Active</td>
<td>LAW</td>
<td>632</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>7205</td>
<td>ART LAW</td>
<td>Active</td>
<td>LAW</td>
<td>633</td>
<td>2, 3</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>COURSE NAME</td>
<td>Status</td>
<td>Code</td>
<td>Page</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------</td>
<td>-----------</td>
<td>------</td>
<td>------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ADVANCED COPYRIGHT LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>634</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>POST-CON ACT INNOC CLAIMS</td>
<td>Active</td>
<td>LAW</td>
<td>635</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTERNET LAW</td>
<td>Active</td>
<td>LAW</td>
<td>636</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>EDUCATION LAW</td>
<td>Active</td>
<td>LAW</td>
<td>637</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>EMPLOYMENT DISCRIMINATION</td>
<td>Active</td>
<td>LAW</td>
<td>638</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>EMPLOYMENT LAW</td>
<td>Active</td>
<td>LAW</td>
<td>639</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>EUROPEAN UNION LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>640</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ADVENTURES IN IP GRP PRAC</td>
<td>Inactive</td>
<td>LAW</td>
<td>641</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ENTERTAINMENT LAW</td>
<td>Active</td>
<td>LAW</td>
<td>642</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ADV ALT DISP RESOLUTION</td>
<td>Active</td>
<td>LAW</td>
<td>643</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ENVIRONMENTAL LAW</td>
<td>Active</td>
<td>LAW</td>
<td>644</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ESTATE &amp; GIFT TAX</td>
<td>Active</td>
<td>LAW</td>
<td>645</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>FAMILY LAW</td>
<td>Active</td>
<td>LAW</td>
<td>646</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>FEDERAL COURTS</td>
<td>Active</td>
<td>LAW</td>
<td>647</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>AGRICULTURAL LAW</td>
<td>Active</td>
<td>LAW</td>
<td>648</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>DUE DILIGENCE FOR PROFESSIONAL</td>
<td>Active</td>
<td>LAW</td>
<td>649</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>NON-PROFIT ORGANIZATIONS</td>
<td>Active</td>
<td>LAW</td>
<td>650</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>CRIMINAL PROCEDURE TRIAL RIGHTS</td>
<td>Active</td>
<td>LAW</td>
<td>651</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>GENDER &amp; THE LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>652</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>FIRST AMENDMENT</td>
<td>Active</td>
<td>LAW</td>
<td>653</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>GOVERNMENT CONTRACTS</td>
<td>Inactive</td>
<td>LAW</td>
<td>654</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>HEALTH LAW</td>
<td>Active</td>
<td>LAW</td>
<td>655</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>FEDERAL INCOME TAX</td>
<td>Active</td>
<td>LAW</td>
<td>656</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>HEALTH CARE, TECH AND THE LAW</td>
<td>Active</td>
<td>LAW</td>
<td>657</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>IMMIGRATION LAW</td>
<td>Active</td>
<td>LAW</td>
<td>658</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>WATER LAW</td>
<td>Active</td>
<td>LAW</td>
<td>659</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTELL PROP LIC PRACTICUM</td>
<td>Active</td>
<td>LAW</td>
<td>660</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTELLECTUAL PROPERTY</td>
<td>Active</td>
<td>LAW</td>
<td>661</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INT'L INTELLECTUAL PROPERTY</td>
<td>Active</td>
<td>LAW</td>
<td>662</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTERNATIONAL LITIGATION</td>
<td>Active</td>
<td>LAW</td>
<td>663</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>PUBLIC INTERNATIONAL LAW</td>
<td>Active</td>
<td>LAW</td>
<td>664</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INT'L BUSINESS TRANSACTIONS</td>
<td>Active</td>
<td>LAW</td>
<td>665</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>COPYRIGHTS &amp; NEW MEDIA</td>
<td>Inactive</td>
<td>LAW</td>
<td>666</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>CHINESE BUSINESS LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>667</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTERNATIONAL HUMAN RIGHTS</td>
<td>Inactive</td>
<td>LAW</td>
<td>668</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>Course Title</td>
<td>Status</td>
<td>LAW</td>
<td>669</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------------</td>
<td>----------</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LOCAL GOVERNMENT LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>670</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>DEATH PENALTY LITIGATION</td>
<td>Active</td>
<td>LAW</td>
<td>671</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTER’L ENVIRONMENTAL LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>672</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>JUVENILE JUSTICE</td>
<td>Active</td>
<td>LAW</td>
<td>673</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LABOR LAW</td>
<td>Active</td>
<td>LAW</td>
<td>674</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>PRE-SUIT PATENT LITIGATION</td>
<td>Active</td>
<td>LAW</td>
<td>675</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>CORPORATE REORGANIZATION LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>676</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ENERGY LAW</td>
<td>Active</td>
<td>LAW</td>
<td>677</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SPECIAL PROBLEMS CORPORATE LAW</td>
<td>Active</td>
<td>LAW</td>
<td>678</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LAW PRACTICE MGMT</td>
<td>Active</td>
<td>LAW</td>
<td>679</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LEGISLATION</td>
<td>Active</td>
<td>LAW</td>
<td>680</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SEMINAR</td>
<td>Active</td>
<td>LAW</td>
<td>681</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LEGISLATION AND REGULATION</td>
<td>Active</td>
<td>LAW</td>
<td>682</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>MARITAL PROPERTY</td>
<td>Active</td>
<td>LAW</td>
<td>683</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>EXTERNSHIP</td>
<td>Active</td>
<td>LAW</td>
<td>684</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>INDEPENDENT STUDY</td>
<td>Active</td>
<td>LAW</td>
<td>685</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>MERGERS &amp; ACQUISITIONS</td>
<td>Active</td>
<td>LAW</td>
<td>686</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>NATIONAL SECURITY LAW</td>
<td>Active</td>
<td>LAW</td>
<td>687</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>NATURAL RESOURCES LAW</td>
<td>Active</td>
<td>LAW</td>
<td>688</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SPECIAL TOPICS</td>
<td>Active</td>
<td>LAW</td>
<td>689</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>RESEARCH</td>
<td>Active</td>
<td>LAW</td>
<td>691</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INSURANCE LAW</td>
<td>Active</td>
<td>LAW</td>
<td>692</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>OIL &amp; GAS</td>
<td>Active</td>
<td>LAW</td>
<td>693</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ENVIRONMENTAL OIL AND GAS LAW</td>
<td>Active</td>
<td>LAW</td>
<td>694</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>PATENT LAW</td>
<td>Active</td>
<td>LAW</td>
<td>695</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>PAYMENT SYSTEMS</td>
<td>Active</td>
<td>LAW</td>
<td>696</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>PREPARING FOR THE BAR EXAM</td>
<td>Active</td>
<td>LAW</td>
<td>697</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>REAL ESTATE TRANSACTIONS</td>
<td>Inactive</td>
<td>LAW</td>
<td>698</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>REAL ESTATE FINANCING</td>
<td>Active</td>
<td>LAW</td>
<td>699</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>REMEDIES</td>
<td>Active</td>
<td>LAW</td>
<td>700</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SECURED TRANSACTIONS</td>
<td>Active</td>
<td>LAW</td>
<td>701</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SECURITIES REGULATION</td>
<td>Active</td>
<td>LAW</td>
<td>702</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SECURITIES LAW ENFORCEMENT</td>
<td>Active</td>
<td>LAW</td>
<td>703</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TAXATION OF BUSINESS ENTITIES</td>
<td>Active</td>
<td>LAW</td>
<td>704</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td></td>
<td>Active</td>
<td>LAW</td>
<td>705</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td></td>
<td>Active</td>
<td>LAW</td>
<td>706</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td></td>
<td>Active</td>
<td>LAW</td>
<td>707</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td></td>
<td>Active</td>
<td>LAW</td>
<td>708</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>Course</td>
<td>Status</td>
<td>LAW</td>
<td>Code</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>---------------------------------------------</td>
<td>-----------</td>
<td>-----</td>
<td>------</td>
<td>---</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ALTERNATIVE DISPUTE RESOLUTION</td>
<td>Inactive</td>
<td>LAW</td>
<td>709</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TEXAS CRIMINAL PROCEDURE</td>
<td>Active</td>
<td>LAW</td>
<td>710</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TEXAS REAL PROPERTY</td>
<td>Active</td>
<td>LAW</td>
<td>711</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TEXAS PRETRIAL PROCEDURE</td>
<td>Active</td>
<td>LAW</td>
<td>712</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TEXAS TRIALS &amp; APPEALS</td>
<td>Active</td>
<td>LAW</td>
<td>713</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TRADEMARK &amp; UNFAIR COMP LAW</td>
<td>Active</td>
<td>LAW</td>
<td>714</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>BUS FUNDAMENTALS LAWYERS</td>
<td>Active</td>
<td>LAW</td>
<td>715</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SALES AND LEASES</td>
<td>Active</td>
<td>LAW</td>
<td>716</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>WHITE COLLAR CRIME</td>
<td>Active</td>
<td>LAW</td>
<td>717</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>WOMEN &amp; THE LAW</td>
<td>Inactive</td>
<td>LAW</td>
<td>718</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ELDER LAW</td>
<td>Active</td>
<td>LAW</td>
<td>719</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ANIMAL LAW</td>
<td>Active</td>
<td>LAW</td>
<td>720</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>CORPORATE GOVERNANCE</td>
<td>Inactive</td>
<td>LAW</td>
<td>721</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>GUARDIANSHIP PRACTICUM</td>
<td>Active</td>
<td>LAW</td>
<td>722</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ELECTRONIC RESEARCH PRACTICUM</td>
<td>Active</td>
<td>LAW</td>
<td>723</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TEXAS CRIMINAL LAW PRACTICUM</td>
<td>Active</td>
<td>LAW</td>
<td>724</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ADVCRMPRO:4TH 5TH 6TH AMD PRA</td>
<td>Inactive</td>
<td>LAW</td>
<td>725</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SETTLEMENT ADVOCACY PRACTICUM</td>
<td>Inactive</td>
<td>LAW</td>
<td>726</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TEXAS LEGAL RESEARCH PRACTICUM</td>
<td>Active</td>
<td>LAW</td>
<td>727</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: ESTATE PLAN &amp; DRAFTING</td>
<td>Active</td>
<td>LAW</td>
<td>728</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: CONTRACT DRAFTING</td>
<td>Active</td>
<td>LAW</td>
<td>729</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: PATENT LAW DRAFTING</td>
<td>Active</td>
<td>LAW</td>
<td>730</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: LITIGATION DRAFTING</td>
<td>Active</td>
<td>LAW</td>
<td>731</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: REAL ESTATE DRAFT</td>
<td>Active</td>
<td>LAW</td>
<td>732</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: TRADEMARK PRACTICE</td>
<td>Active</td>
<td>LAW</td>
<td>733</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: APPELLATE DRAFTING</td>
<td>Active</td>
<td>LAW</td>
<td>734</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: FAMILY LAW DRAFTING</td>
<td>Active</td>
<td>LAW</td>
<td>735</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: ESTATE ADMIN DRAFTING</td>
<td>Active</td>
<td>LAW</td>
<td>736</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARWII: DRFTG FOR THE GEN PRA</td>
<td>Active</td>
<td>LAW</td>
<td>737</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARW II: HOW DEALS GET DONE</td>
<td>Active</td>
<td>LAW</td>
<td>738</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARW III BUS COLLECTIONS</td>
<td>Active</td>
<td>LAW</td>
<td>739</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LARW III CRIMINAL PROCEDURE</td>
<td>Active</td>
<td>LAW</td>
<td>740</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INDEPENDENT STUDY</td>
<td>Active</td>
<td>LAW</td>
<td>741</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ENTREPRENEURSHIP LAW CLINIC</td>
<td>Active</td>
<td>LAW</td>
<td>742</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INNOCENCE CLINIC</td>
<td>Active</td>
<td>LAW</td>
<td>743</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>Course Title</td>
<td>Status</td>
<td>Type</td>
<td>Code</td>
<td>Section</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>--------------------------------------------------</td>
<td>---------</td>
<td>------</td>
<td>------</td>
<td>---------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>COURTHOUSE PERSPECTIVES</td>
<td>Active</td>
<td>LAW</td>
<td>744</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>ADR SURVEY: NEG, MED, AND ARB</td>
<td>Active</td>
<td>LAW</td>
<td>745</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTERVIEWING/COUNSELING PRAC</td>
<td>Inactive</td>
<td>LAW</td>
<td>746</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>PUBLIC INTERNATIONAL DISP RES</td>
<td>Inactive</td>
<td>LAW</td>
<td>747</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>THE BUSINESS NEGOTIATOR</td>
<td>Active</td>
<td>LAW</td>
<td>748</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LABOR NEGOTIATIONS WORKSHOP</td>
<td>Active</td>
<td>LAW</td>
<td>749</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SPORTS LAW</td>
<td>Active</td>
<td>LAW</td>
<td>750</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>NEG THEORY AND PRAC PRACT</td>
<td>Active</td>
<td>LAW</td>
<td>751</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>TRIAL ADVOCACY PRACTICUM</td>
<td>Active</td>
<td>LAW</td>
<td>752</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>FAMILY MEDIATION CLINIC</td>
<td>Active</td>
<td>LAW</td>
<td>753</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>WILLS AND ESTATES CLINIC</td>
<td>Active</td>
<td>LAW</td>
<td>754</td>
<td>2 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>EMPLOYMENT MED CLINIC</td>
<td>Active</td>
<td>LAW</td>
<td>755</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>FAMILY LAW AND BENEFITS CLINIC (LAW CLINIC)</td>
<td>Active</td>
<td>LAW</td>
<td>756</td>
<td>2 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>INTELLECTUAL PROP AND TECH CLI</td>
<td>Active</td>
<td>LAW</td>
<td>757</td>
<td>2 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>MEDIATION CLINIC</td>
<td>Active</td>
<td>LAW</td>
<td>758</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>DEPOSITION SKILLS WORKSHOP</td>
<td>Active</td>
<td>LAW</td>
<td>759</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>CIVIL MOTION WORKSHOP</td>
<td>Active</td>
<td>LAW</td>
<td>760</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>SCIENTIFIC CRIM EVIDENCE WKSHP</td>
<td>Active</td>
<td>LAW</td>
<td>761</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>CIVIL EVIDENCE WORKSHOP</td>
<td>Active</td>
<td>LAW</td>
<td>762</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>PRETRIAL MOTION WORKSHOP</td>
<td>Active</td>
<td>LAW</td>
<td>763</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>LAW TRANSFER INSTITUTIONS</td>
<td>Active</td>
<td>LAW</td>
<td>799</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Attachment 2
Texas A&M University School of Law
Minimum Syllabus Requirements

Every course must have a syllabus that includes the following information.

Course Information: include title, course number, section number, term (e.g., Spring 201X), meeting times and room number if assigned when submitting your syllabus.

Instructor Information: include name, telephone number, email address, office location, and office hours (or a statement that the hours available for student consultation are posted on the outside of the faculty member’s office door.)

Course Description and Prerequisites: in addition to material chosen by the instructor, the course description should closely follow the law school course descriptions. See Programs and Policies for a description for the course. In some instances, the course description may include a rationale or context for the subject matter within the discipline. Prerequisites should be given and these should match those in the Programs and Policies.

Textbook and/or Resource Materials

Learning Outcomes or Course Objectives

Learning Outcome: a statement of what students will be able to do or know upon completion of the course. The outcomes may include competencies developed in the course. Learning outcomes are measurable and define what students need to do to show mastery of course materials.

Course Objectives: Articulate the knowledge and skills the instructor wants students to acquire by the end of the course.

Evaluation and Grading Policies: include this statement verbatim in your syllabus:

This course follows the grading scale and grading policies outlined in Academic Standards 8.1-8.54, which may be found in the Student Handbook.

Policies or grading rules should cover late work, grade assignment and weighting, and make-up guidelines, if any. Changing grading policies should occur only under extraordinary circumstances. Professors should advise students on the syllabus whether the final examination is an in-class closed or open book examination or a take-home examination.

Open Book In-Class EBB Examination. If the examination is an open book in-class EBB exam, a statement that students may use only hard copy materials and will not be allowed to use e-books or other electronic materials during the examination.
Attendance Policy: No statement on a syllabus may contradict the law school’s attendance policy. Include this statement verbatim in your syllabus:

You are required to adhere to the law school’s attendance policy as outlined in the Student Handbook.

Course Topics, Calendar of Activities, Major Assignment Dates: You may wish to provide links to the academic calendar and final schedule. Avoid conflicts with religious observances. Major assignment due dates and test dates may be included, but should not be changed without notification of all students in the course. Other pertinent course information relevant to the course may be included.

Law School Disability Policy: Include this statement verbatim in your syllabus:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Assistant Dean of Students, Rosalind Jeffers, Due to the law school’s policy of testing anonymity, students should not discuss their disabilities with professors. For assistance, students should consult with Dean Jeffers. For additional information visit http://law.tamu.edu/current-students/student-affairs/exam-accommodation.

Academic Integrity Statement and Policy: Include this statement verbatim in your syllabus.

An Aggie does not lie, cheat or steal, or tolerate those who do. For additional information, please visit: http://aggiehonor.tamu.edu and the law school Student Handbook.

Statement on Credit Hours. This is an example that you can adapt for your syllabus. You will need to adjust the formula, depending on the number of credit hours. The law school’s Credit Hour Policy will assist in this calculation.

ABA accreditation standards include a formula for calculating the amount of work that constitutes a credit hour. According to ABA Standard 310(b)(1), "a "credit hour" is an amount of work that reasonably approximates: (1) not less than one hour of classroom or direct faculty instruction and two hours of out-of-class student work per week for fifteen weeks, or the equivalent amount of work over a different amount of time.” This is a 3-credit hour class. Applying the ABA standard to the number of credits offered for this class, you are expected to spend, on average, a minimum of 9 hours per week (3 in class and 6 out-of-class hours) on course-related work.” For more information, see Credit Hour Policy.
Recommended Statement on Professionalism: a statement concerning professionalism is suggested. As examples:

"What does it mean to be a professional? The term refers to a group . . . pursuing a learned art as a common calling in the spirit of public service – no less a public service because it may incidentally be a means of livelihood. Pursuit of the learned art in the spirit of public service is the primary purpose." Dean Roscoe Pound.¹

"What is professionalism? 'Professionalism is conduct consistent with the tenets of the legal profession as demonstrated by a lawyer's civility, honesty, integrity, character, fairness, competence, ethical conduct, public service, and respect for the rule of law, the courts, clients, persons who work within the legal profession, witnesses, and unrepresented parties.'”²


² Commission on Professionalism, State Bar of New Mexico. Available at: http://www.nmbar.org/Attorneys/commissiononprofessionalism.html
Attachment 3
School of Law
Syllabus Addendum for Graduate Courses

School of Law syllabi will continue to conform to all university minimum standards. School of Law faculty must include the information below, in substantially the same format as provided below, on their syllabi for any course in which LL.M. and/or M.Jur. students are enrolled. If existing J.D. minimum syllabi standards cover all requirements for graduate students, as well, that fact is noted below in italics. Any additional language that must be added for graduate students is specifically listed below.

Course title, number, term, meeting times, and location

Same as JD syllabus requirements

Course description and prerequisites

Same as JD syllabus requirements with the following addition:

Before enrolling in this course, all LL.M. and M.Jur. students must satisfy all listed course prerequisites or their equivalent, or enrollment in the course must be approved by the Director of Graduate Programs or his/her designee.

Learning outcomes

Same as JD syllabus requirements

Instructor information

Same as JD syllabus requirements

Textbook and/or resource materials

Same as JD syllabus requirements

Grading policies

Modification for LL.M. and M.Jur. students:

All graduate students will be assessed in this course in a manner commensurate with and reflective of their educational level.

M.Jur. students will be given supplemental instruction to provide them the necessary background for this course through, for example, online materials, instructor-directed outside reading, or additional in-person lectures. M.Jur. students may be assessed using the existing J.D. evaluation technique(s) but may, instead, be assigned alternative methods of assessment, including quizzes, examinations, papers, reports, projects, or other formative or summative assessments that are calculated in the student’s final grade for the course.
Because LL.M. students in this course will be pursuing their second law degree, LL.M. students will receive at least one additional assessment beyond those required of J.D. students. Such additional assessment(s) may include quizzes, examinations, papers, reports, projects, or other formative or summative assessments that are calculated in the student’s final grade for the course.

LL.M. and M.Jur. students will be assigned for this course final letter grades without plusses or minuses (i.e., A, B, C, D, F, S, or U), in conformity with TAMU grading policies for graduate students (student rule 10 – http://student.rules.tamu.edu/rule10). Instructors will use either a standard grading scale that corresponds to the following letter grades: A (100-90); B (89-80); C (79-70); D (69-60); F (below 60) or a points grading scale.

**Attendance and make-up policies**

*Modification for LL.M. and M.Jur. students:*

Students must conform to the attendance policies, rules related to excused and unexcused absences, and makeup policies applicable to graduate students included in University Student Rule 7 – http://student-rules.tamu.edu/rule07).

**Course topics, calendar of activities, major assignments, test dates**

*Same as JD syllabus requirements*

**ADA policy statement**

*Same as JD syllabus requirements*

**Academic integrity statement and policy**

*Same as JD syllabus requirements*
Attachment 4
Course Information and Syllabus

Course Description and Coverage. An introduction to personal property and real property laws, including estates and future interests in land, landlord-tenant problems, and issues relating to private and public land use.

Property rights are among the oldest and most cherished rights that we enjoy in this country. They are also some of the most important – affecting and helping to define relationships between people and between the governed and their government. In this course we will examine theories of property rights, focusing on fundamental principles associated with defining, acquiring, and transferring property. Through the study of these theories, we will also hone your skills of critical thinking and effective communication, which are indispensable to effective advocacy and counseling.

Prerequisites. There are no prerequisites for J.D., LL.M., and M.Jur. students for this course.

Required Book. There is one required text for this class: Concise Edition of Property (3rd ed.), by Dukeminier, et al.

Recommended Materials. There are many study aids on the market covering property law, and they are of varying quality. For a general resource, I’ve found Property Examples and Explanations by Burke & Snow to be helpful. I’ll talk about supplemental materials on the first day of class, so please resist the urge to buy any of them until we meet in person. Please remember that you will be tested and graded on the readings in our casebook and what we discuss in class, not what may be stated in any treatise or hornbook.

Office Hours / Questions. Fridays from 10:00 am to noon, as well as by appointment. I will also schedule additional office hours as the exam approaches. In addition, you can post questions on our eCampus site (http://ecampus.tamu.edu); if the question is clearly directed at me, I’ll answer it online. I discourage e-mailed questions because they’re inefficient given the existence of eCampus; however, if you do e-mail me a question, I will respond – but I will probably cut and paste both your question and my response onto our eCampus site.
Course Objectives. By the end of the course, you should be able to:

- Understand the basic doctrines of property law, derived from common law, statutory law, and other sources.
- Identify and analyze the elements of the legal doctrines we cover.
- Understand and be able to critique the policy objectives underlying the law we study.
- Apply the legal rules we study to new fact patterns and generate predictions about likely outcomes.
- Effectively communicate the factual aspects of the cases and legal arguments we study, as well as your own analyses.

Reading Assignments. Please read and be prepared to discuss 20-25 pages on the syllabus (including all footnotes and textual materials) beyond where we end each class. Our actual pace will be dictated to a large extent by class discussion and student questions. Think about, prepare, and be ready to discuss all problems and notes contained in the reading assignments.

Class Attendance and Participation. J.D. students must conform to the attendance policies and makeup policies applicable to J.D. students included in the law school Student Handbook (including Academic Standard 5.1 and following). L.L.M. and M.Jur. students must conform to the attendance policies and makeup policies applicable to graduate students included in the University Student (student rule 7 – http://student-rules.tamu.edu/rule07).

I encourage you to attend class regularly. Your comprehension of the material covered in this course will be severely and negatively impacted by repeated absences. What we actually cover in class will be extremely important.

I expect you to be prepared each class to discuss the material. If you aren’t prepared one day, write down your name, the date, and “pass” on a slip of paper, and give it to me before class. If you do that, I won’t call on you. Each student will get one “pass.” If you pass when called on in class, or if you give me more than one written pass in any semester, I reserve the option to lower your final grade by 1/3 of a point, as described below.

Laptops. You may use laptops in class. But the usual cautions: You are best served if, during class, your attention is focused on class discussions. So don’t type verbatim everything we discuss in class. Instead, focus on understanding those discussions. You can always fill in your notes after class.

In addition, the classroom environment must be conducive to learning for all students. Accordingly, please use electronic devices only for class-related purposes. Abuse of this privilege may lead to the banning of laptops for the entire class.
Review / Q&A Sessions. I will hold several Q&A sessions throughout the semester, probably on Fridays starting at 10:00 am. Those will be optional sessions to allow more time for us to discuss any questions you have. I will also give you various review problems to work during those sessions.

Grading Policy. This class will contain J.D. students and may contain M.Jur. and LL.M. students, as well. All students in this course will be assessed in a manner commensurate with and reflective of their educational level. For J.D. students, this course follows the grading scale and grading policies outlined in Academic Standards 8.1-8.54, which may be found in the Student Handbook. LL.M. and M.Jur. students will be assigned for this course final letter grades without plusses or minuses (i.e., A, B, C, D, F, S, or U), in conformity with TAMU grading policies for graduate students (student rule 10 - http://student.rules.tamu.edu/rule10). The following grade ranges correspond to the following letter grades: A (100-90); B (89-80); C (79-70); D (69-60); F (below 60). All examinations for this course will be closed book.

Because this is a first-year law course, I do not expect that any of my students have any legal background or law knowledge. As a result, I do not plan to give M.Jur. students any online materials or in-person special lectures to catch them up to the J.D. or LL.M. students. However, because M.Jur. and LL.M. students are not taking the normal range of J.D. courses, I will hold at least three sessions during the semester to allow M.Jur. and LL.M. students to provide basic doctrinal instruction in areas related to our study, which J.D. students are learning in other classes. In particular, I will cover basic contracts and torts issues relevant to our Property class. I will provide you with the dates of these sessions during the first week of class. I will be available outside of these sessions to answer any questions or provide any explanations that students may need.

Final grades will be calculated in the following manner:

- J.D. students: Your final grade in this course will be based on a 4-hour in-class examination at the end of the semester. However, I reserve the right to raise or lower your final course grade by one-third of a point (e.g., from C+ to B- or A- to B+) in the case of exceptionally strong classroom participation or unpreparedness. In addition, you will be assigned 2 short writing projects during the semester. I will read and give you comments on these writing assignments. Failure to reasonably and diligently complete both of these assignments may result in up to 20 points being deducted from your final exam grade. I will discuss these projects on the first day of class.

- M.Jur. students: Your final grade in this course will be based on a 2-hour in-class examination at the end of the semester. In addition, you will be assigned 2 short writing projects during the semester. I will read and give you comments on these writing assignments. Failure to reasonably and
diligently complete both of these assignments may result in up to 10 points being deducted from your final exam grade. I will discuss these projects on the first day of class.

- LLM. students: Your final grade in this course will be based on three 10-15 page papers, weighted equally, that you complete during the course of the semester. The topics will be selected by you with my approval. We will meet within the first two weeks of the course to identify general areas of possible research, but final topics will be selected and approved by me by the fourth week of classes. All papers will be due no later than the last day of the J.D. exam period.

**Disability Policy.** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Assistant Dean of Students, Rosalind Jeffers. Due to the law school’s policy of testing anonymity, J.D. students should not discuss their disabilities with professors. For assistance, students should consult with Dean Jeffers. For additional information visit [http://law.tamu.edu/current-students/student-affairs/exam-accommodation](http://law.tamu.edu/current-students/student-affairs/exam-accommodation).

**Academic Integrity Statement and Policy.** *An Aggie does not lie, cheat or steal, or tolerate those who do.* For additional information, please visit: [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu) and the law school [Student Handbook](http://law.tamu.edu/).

**Credit Hours**

ABA accreditation standards include a formula for calculating the amount of work that constitutes a credit hour. According to ABA Standard 301(b)(1), a “credit hour” is an amount of work that reasonably approximates: (1) not less than one hour of classroom or direct faculty instruction and two hours of out-of-class student work per week for fifteen weeks, or the equivalent amount of work over a different amount of time.” This is a 4-credit hour class. Applying the ABA standard to the number of credits offered for this class, you are expected to spend, on average, a minimum of 12 hours per week (4 in class and 8 out-of-class hours) on course-related work.” For more information, see [https://law.tamu.edu/docs/default-source/registrar-documents/credit-hour-policy.pdf](https://law.tamu.edu/docs/default-source/registrar-documents/credit-hour-policy.pdf).

**Professionalism.** “What does it mean to be a professional? The term refers to a group . . . pursuing a learned art as a common calling in the spirit of public service – no less a public service because it may incidentally be a means of livelihood. Pursuit of the learned art in the spirit of public service is the primary purpose.’ Dean Roscoe
"What is professionalism? ‘Professionalism is conduct consistent with the tenets of the legal profession as demonstrated by a lawyer’s civility, honesty, integrity, character fairness, competence, ethical conduct, public service, and respect for the rule of law, the courts, clients, persons who work within the legal profession, witnesses, and unrepresented parties.”’


Readings

I. First Possession

A. Acquisition by Capture (and Right to Exclude) 13
   1. The Rule of Capture
      Pierson v. Post & Notes 14-21
      Wild Animal Capture Problems 22
      Popov v. Hayashi & Notes 27-32
      Notes on Fugitive Resources 32-34

   2. The Right to Exclude 37
      Jacque v. Steenberg Homes 37-39
      State v. Shack & Notes 40-44

II. Subsequent Possession

A. Acquisition by Find 103
   Armory v. Delamirie & Notes 104-106; 112 (n.3-4)

B. Acquisition by Gift 143-146
   Newman v. Bost & Notes 146-152

C. Acquisition by Adverse Possession
   1. Theory 114-115
   2. Elements 115-116
      Fulkerson v. Van Buren & Notes 117-123
      Problems 123

   3. Mechanics
      a. Tacking Lecture 132-133
      b. Disabilities Problems 132-133
         Adverse Possession Against the Govt 133

III. Possessory Estates 161-166

A. Fee Simple 166-169

B. Fee Tail 169-171

C. Life Estate 171; 177, n. 3;
   178-180, n. 6

---

3 The outline framework for the assignments (I.A.I., etc.) may not match up exactly with the framework in the book, but it's designed to help you organize your outline. The pages all match up.
IV. Future Interests 193-194

A. Modern Relevance 193-194

B. In the Transferor 194-196
1. Reversion 196
2. Possibility of Reverter 196
3. Right of Entry 197

C. In a Transferee 197-198
1. Introduction 198
2. Remainders (vested and contingent) 198-202
3. Executory Interests 202-204
   The Trust 207

D. Rules Furthering Marketability 208
1. Destructibility of Contingent Remainders Lecture
2. Rule in Shelley’s Case Lecture
3. Doctrine of Worthier Title Lecture
4. Rule Against Perpetuities 210-216
   a. Common Law Rule 210-217
   b. Problems 1-3 217-218
   c. Reversionary Future Interests; Executory Interests Following Defeasible Fees 219-220
   d. Perpetuities Reforms 221-222

E. Class Gifts & the RAP 216-217
Problems 4-7 218-219
V. Co-Ownership

A. Concurrent Interests
1. Types, Characteristics, & Creation 223-226
2. Severance of Joint Tenancies
   *Harms v. Sprague* & Notes 226-230
4. Relations Among Concurrent Owners 232
   a. Partition 232
      *Delfino v. Vealen* & Notes 233-240
   b. Benefits / Burdens of Co-ownership 240-241
      *Spiller v. Mackereth* & Notes 241-244

VI. Landlord – Tenant Law

A. Leasehold Estates 265
   Term of Years 265
   Periodic Tenancy 265-266
   Tenancy at Will 266
   Tenancy at Sufferance: Holdovers 267
   A Fifth Leasehold Estate?
      *Kajo Church Sq., Inc. v. Walker* & Notes 267-271

B. Selection of Tenants (Unlawful Discrimination) 272-277

C. Subleases and Assignments 278
   *Ernst v. Condit* & Notes 278-285
   Notes and Problems 290-292

F. Tenant Who Defaults 292
1. Tenant in Possession
   *Berg v. Wiley* & Notes 292-298
   Summary Eviction Proceedings 298
2. The Abandoning Tenant
   *Sommer v. Krikel* & Notes 299-306

G. The Landlord’s Duties 306-307
1. The Duty to Deliver Possession 306-307
2. Duties Regarding Condition of the Premises 307-308
3. Quiet Enjoyment and Constructive Eviction 314-318
4. The Implied Warranty of Habitability 318
   *Hilder v. St. Peter* & Notes 319-327
   Illegal Lease & Retaliatory Eviction 327-328
V. **Private Land Use Controls: Servitudes** 487

A. **Classifying Servitudes** 487-489
B. **Easements** 489-490
   1. Creation of Easements 491
      - *Willard v. First Church of Christ & Notes* 491-496
      - *Kienzle v. Myers* 496-499
      - *Henry v. Dalton & Notes* 499-500
      - *Van Sandt v. Royster* 501-508
      - *Othen v. Rosier* 508-514
      - Notes: Easements by Necessity 514-516
      - Notes: Easements by Prescription 516-519
   3. Scope of Easements  Lecture
   4. Termination of Easements  Lecture
   5. Negative Easements  Lecture

C. **Covenants Running with the Land** 538
   1. Real Covenants – Traditional Approach 539-542
   2. Equitable Servitudes – Traditional Approach 542
      - *Tulk v. Moxhay & Notes* 542-548
   4. Termination of Covenants  Lecture
   5. Common Interest Communities 554-555
      - *Nahrstedt v. Lakeside Vill. Condo & Notes* 555-565

VI. **Transfers of Land**

A. **Introduction to Buying and Selling Real Estate**  SKIP
B. **The Contract of Sale**  SKIP
   1. The Statute of Frauds  SKIP
   2. Marketable Title  SKIP
      - Equitable Conversion  SKIP
   3. Duty to Disclose Defects  SKIP
   4. Remedies for Breach of the Sales Contract  SKIP
C. The Deed 374
   1. Warranties of Title 374-380
   2. Delivery 380-384
D. Financing Real Estate Transactions
   1. Mortgages 384-387
   2. Foreclosure 388-395

III. **Title Assurance**

A. **The Recording System**
   1. Introduction 415-417
2. Indexes 417-426
3. Types of Recording Acts 432-435
4. Chain of Title Problems Lecture
5. Persons Protected by the Recording System Lecture
6. Inquiry Notice Lecture
7. Marketable Title Acts Lecture
Informational Items
MEMORANDUM

To: Dr. Mark Zoran  
Chair, Graduate Council

cc: Sandra Williams  
Associate Director Office of the Registrar

cc: Ruth Smith  
Associate Registrar  
School of Law

From: Maxine M. Harrington  
Associate Dean for Academic Affairs  
School of Law

Re: Inactivation of Law School Courses

The law school requests that the following courses be inactivated for the 2016-2017 academic year. ABA accreditation standards allow law schools to publicly list only current curricular offerings, defined as those offered in the current and past two academic years.

LAW 7205 Art Law  
LAW 7106 Art Law  
LAW 7706 Electronic Research Practicum  
LAW 7864S Law Clinic  
LAW 7428D Marital Property (online)  
LAW 7660 Public Health Seminar  
LAW 7262 International Litigation  
LAW 7600F Special Topics  
LAW 7600P Special Topics  
LAW 7700F Special Topics  
LAW 7700P Special Topics  
LAW 7800F Special Topics  
LAW 7800P Special Topics  
LAW 7800S Special Topics  
LAW 7900F Special Topics
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW 7900S</td>
<td>Special Topics</td>
</tr>
<tr>
<td>LAW 7900P</td>
<td>Special Topics</td>
</tr>
<tr>
<td>LAW 7378</td>
<td>Death Penalty Litigation</td>
</tr>
</tbody>
</table>
School of Law

Change in Courses

LAW 7104. Advanced Torts.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.

LAW 7108. Accounting for Lawyers.

Lecture contact hours, semester credit hours, fixed to variable
From: (2-0). Credit 2.
To: Credit 2 to 3.

LAW 7112. The Art of Lawyering.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.

LAW 7114. Adoption Law.

Lecture contact hours, semester credit hours, fixed to variable
From: (2-0). Credit 2.
To: Credit 2 to 3.

LAW 7154. Children and the Law.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.

LAW 7174. Trusts and Fiduciary Responsibility.

Lecture contact hours, semester credit hours, fixed to variable
From: (2-0). Credit 2.
To: Credit 2 to 3.

LAW 7179. Complex Litigation.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.
LAW 7187. Conflict of Laws.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7205. Art Law.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7290. Estate and Gift Tax.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.


Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7310. Non-Profit Organizations.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.


Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.


Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7401. Land Use.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To:       Credit 2 to 3.
LAW 7408. Energy Law.

Lecture contact hours, semester credit hours, fixed to variable
From:  (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7416. Legislation.

Lecture contact hours, semester credit hours, fixed to variable
From:  (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7435. Mergers and Acquisitions.

Lecture contact hours, semester credit hours, fixed to variable
From:  (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7438. Natural Resources Law.

Lecture contact hours, semester credit hours, fixed to variable
From:  (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7440. Insurance Law.

Lecture contact hours, semester credit hours, fixed to variable
From:  (2-0). Credit 2.
To:       Credit 2 to 3.

LAW 7458. Preparing for the Bar.

Lecture contact hours, semester credit hours, fixed to variable
From:  (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7484. Remedies.

Lecture contact hours, semester credit hours, fixed to variable
From:  (3-0). Credit 3.
To:       Credit 2 to 3.

LAW 7533. Texas Real Property.

Lecture contact hours, semester credit hours, fixed to variable
From:  (2-0). Credit 2.
To:       Credit 2 to 3.
LAW 7550. Trademark and Unfair Competition Law.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.

LAW 7557. Sales and Leases.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.

LAW 7588. Elder Law.

Lecture contact hours, semester credit hours, fixed to variable
From: (2-0). Credit 2.
To: Credit 2 to 3.

LAW 7725. Texas Criminal Law Practicum.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.

LAW 7865S. Family Law and Benefits Clinic.

Lecture contact hours, semester credit hours, fixed to variable
From: (3-0). Credit 3.
To: Credit 2 to 3.
INFORMATIONAL REVIEW

SCHOOL OF LAW
CHANGE IN COURSES
April 11, 2016

MEMORANDUM

cc: Sandra Williams
    Associate Registrar
    Office of the Registrar

cc: Ruth Smith
    Associate Registrar
    School of Law

From: Maxine M. Harrington
      Associate Dean for Academic Affairs
      School of Law

Re: School of Law Course Changes to Combine Courses with Different Credit Hours

Attached are 28 course change forms. These course change forms are submitted to combine the same course taught as either two or three credit hours under one course number creating one variable credit hour course. These courses, taught as two or three credit hours, are already approved by the university, have the same prerequisites, and are listed in the law school course inventory. Since all courses listed on these course change forms are approved law school courses, the School of Law requests that the attached course change forms be accepted without accompanying syllabi.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: 
   - Undergraduate 
   - Graduate
   - First Professional (DDS, MD, JD, PhD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7104 Advanced Torts
4. Change requested
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason): __________________________
   c. Cross-list with: __________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? 
   - Yes
   - No
6. If grade type is changing for existing course, indicate the new grade type:
   - Grade
   - S/U
   - P/F (CLMO)
7. If this course will be stacked, please indicate the course number of the stacked course:
   - I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:
Advanced Torts. (3-0). Credit 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Advanced Torts. Credit 2 to 3.

11. As currently in course inventory:

   Prefix | Course # | Title (excluding punctuation)
   LAW  | 7104 | Advanced Torts

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level
   3.00 | 3.00 | 2201010008 | 1710 | 0 | 0 | 3 | 6 | 3 | 2 | 7

   b. Change to:

   Prefix | Course # | Title (excluding punctuation)
   LAW  | 7104 | Advanced Torts

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code
   2.00 | 2.00 | 2201010008 | 1710 | 17 | - | 18 | 0 | 0 | 3 | 6 | 3 | 2 | Level | 7

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date
Wayne Barnes
Chair, College Review Committee Date
Andrew P. Morris
Dean of College Date

Submitted to Coordinating Board by:
Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 845-3201 or smadra.williams@tamu.edu
Curricular Services - 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, Ph.D.; DPA)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7108 Accounting for Lawyers

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes □ No

6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CL/NS)

7. If this course will be stacked, please indicate the course number of the stacked course: □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:
   Accounting for Lawyers. (2-0). Credit 2.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Accounting for Lawyers. Credit 2 to 3.

10. As currently in course inventory:

   Prefix: LAW
   Course #: 7108
   Title (excluding punctuation): Accounting for Lawyers

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>22010100008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

   b. Change to:

   Prefix: LAW
   Course #: 7108
   Title (excluding punctuation): Accounting for Lawyers

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>22010100008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

   Approval recommended by: Maxine M. Harrington
   Department Head or Program Chair (Type Name & Sign) 4-11-16
   Date

   Wayne Barnes
   Chair, College Review Committee
   Date

   Andrew P. Morris
   Dean of College
   Date

   Department Head or Program Chair (Type Name & Sign) Date
   (If cross-listed course)

   Submitted to Coordinating Board by:
   Date
   Effective Date

   Associate Director, Curricular Services
   Date

Questions regarding this form should be directed to Sandra Williams at 845-1201 or sandra.williams@tamu.edu.
Curricular Services -- 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate ∙ Graduate ∙ Professional
Submit original form and attachments.

1. Course request type: [ ] Undergraduate [□] Graduate [☑] First Professional (DVM, MD, JD, PharmD, DPA)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7112 The Art of Lawyering

Attach a brief supporting statement for changes made in items 4a through 4d, and 10 below.

4. Change requested:
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason): __________________________
   c. Cross-list with: __________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? [ ] Yes [☑] No
6. If grade type is changing for existing course, indicate the new grade type: [□] Grade [□] SAU [□] P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course: __________________________
   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:
The Art of Lawyering, (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
The Art of Lawyering, Credit 2 to 3.

10. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7112</td>
<td>The Art of Lawyering</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCI</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7112</td>
<td>The Art of Lawyering</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCI</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2</td>
<td>Level 7</td>
</tr>
</tbody>
</table>

Approval recommended:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) 

Wayne Barnes
Chair, College Review Committee

Andrew P. Morris
Dean of College

Department Head or Program Chair (Type Name & Sign)

Submitted to Coordinating Board by:
Chair, GC or UCC

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DVM, MD, JD, PharmaD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7114 Adoption Law
4. Change requested
   a. Prerequisite(s): From: ________________________ To: ________________________
   b. Withdrawal (reason): ________________________
   c. Cross-list with: ________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
   f. Verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control-basics-for-distance-education).
5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLAS)
7. If this course will be stacked, please indicate the course number of the stacked course: ________________________
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words): Adoption Law. Credit 2 to 3.

10. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7114</td>
<td>Adoption Law</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCHI</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 3 6 3 2 7</td>
<td></td>
</tr>
</tbody>
</table>

Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7114</td>
<td>Adoption Law</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCHI</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 3 6 3 2 7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date
Wayne Barnes
Chair, College Review Committee
Andrew P. Morris
Dean of College
(If cross-listed course)

Submitted to Coordinating Board by:
Commissioner, Curricular Services Date
Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7154 Children and the Law

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s) From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ✔ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:
   Children and the Law. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Children and the Law. Credit 2 to 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7154</td>
<td>Children &amp; Law</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2 7</td>
</tr>
</tbody>
</table>

   b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7154</td>
<td>Children &amp; Law</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2 7</td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date 4/11/16
Wayne Barnes
Chair, College Review Committee Date 4/11/16
Dean of College Date

Department Head or Program Chair (Type Name & Sign) (If cross-listed course) Date

Submitted to Coordinating Board by:
Chair, GC or UCC Date

Associate Director, Curricular Services Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate ♦ Graduate ♦ Professional
Submit original form and attachments.

**Form Instructions:**
1. Course request type:  
   - Undergraduate  
   - Graduate  
   - First Professional (DVM, MD, JD, PharmD, DVS)
2. Request submitted by (Department or Program Name):  
   School of Law
3. Course prefix, number and complete title of course:  
   LAW-7174 Trusts and Fiduciary Responsibility

4. Change requested:
   - Prerequisite(s):  
     - From:  
     - To:  
   - Withdrawal (reason):  
   - Cross-list with:

   Cross-listed courses require the signature of both department heads.

   - Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   - Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course?  
   - Yes  
   - No
6. If grade type is changing for existing course, indicate the new grade type:  
   - Grade  
   - S/A  
   - P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:  
   - I verify that I have reviewed the FAQ for Export Controls for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:
   Trusts and Fiduciary Responsibility. (2-0). Credit 2.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Trusts and Fiduciary Responsibility. Credit 2 to 3.

11. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7174</td>
<td>Trusts and Fiduciary Responsibility</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

11a. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7174</td>
<td>Trusts and Fiduciary Responsibility</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>3 6 3 2</td>
<td>Level</td>
</tr>
</tbody>
</table>

   Approval recommended by:
   Maxine M. Harrington

   Wayne Barnes  
   Chair, College Review Committee

   Andrew P. Morris  
   Dean of College

   (if cross-listed course)

   Submitted to Coordinating Board by:
   Chair, GC or UCC

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
- Submit original form and attachments -

Form Instructions
1. Course request type: □ Undergraduate □ Graduate ✓ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7179 Complex Litigation

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

   Cross-listed courses require the signatures of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes ✓ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ✓ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:
   Complex Litigation. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Complex Litigation. Credit 2 to 3.

10. Complete proposed course title and proposed catalog course description:

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7179</td>
<td>Complex Litigation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7179</td>
<td>Complex Litigation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date 4-11-16
Wayne James
Chair, College Review Committee Date 4-11-16
Andrew P. Morrise
Dean of College Date 4-11-16

Department Head or Program Chair (Type Name & Sign) (if cross-listed course)

Submitted to Coordinating Board by:
Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 8/5-8201 or sandra-williams@tamu.edu.
Curricular Services - 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7187 Conflict of Laws

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
a. Prerequisite(s): From: ___________________________ To: ___________________________

b. Withdrawal (reason): ___________________________

c. Cross-list with: _______________________________________________________________________

Cross-listed courses require the signature of both department heads.
d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes □ No

6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course: _______________________________________________________________________

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).


10. Complete proposed course title and proposed catalog course description (not to exceed 50 words): Conflict of Laws. Credit 2 to 3.

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7187</td>
<td>Conflict of Laws</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7187</td>
<td>Conflict of Laws</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
</table>
| 2.00  |     |       | 2.00| 2201010008        | 1710        | 17 - 18   | 0 0 3 6 3 2 | Level 7

Approval recommended by: [Signature]

Department Head or Program Chair (Type Name & Sign) Date

Wayne Barnes
Chair, College Review Committee

Andrew P. Morris
Dean of College

Submitted to Coordinating Board by: [Signature]

Chair, GC or UCC Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Form Instructions
1. Course request type:  □ Undergraduate  □ Graduate  ✓ First Professional (DVM, MD, JD, PharmD, DPM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7205 Art Law
4. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason): ____________________________
   c. Cross-list with: ____________________________

   Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes  ✓ No

6. If grade type is changing for existing course, indicate the new grade type: □ Grade  □ S/U  □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:

   ✓ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:

   Art Law. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

   Art Law. Credit 2 to 3.

10. As currently in course inventory:

    Prefix  Course #  Title (excluding punctuation)
    LAW  7205  Art Law

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
    3.00  3.00  2201010008  1710  0 0 3 6 3 2 7

    Change to:

    Prefix  Course #  Title (excluding punctuation)
    LAW  7205  Art Law

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code
    2.00  2.00  2201010008  1710  17  18  0 0 3 6 3 2

    Approval recommended by:

    Wayne Barnes  Date

    Andrew P. Morris  Date

    Department Head or Program Chair (Type Name & Sign)

    Department Head or Program Chair (Type Name & Sign) (If cross-listed course)

    Submitted to Coordinating Board by:

    Chair, GC or UCC  Date

    Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 06/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Form Instructions
1. Course request type: ☐ Undergraduate ☐ Graduate ☑ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7290 Estate and Gift Tax
4. Change requested
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason): __________________________
   c. Cross-list with: __________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? ☑ Yes ☐ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade ☐ S/U ☐ P/F (CLASD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:
   Estate and Gift Tax. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words): Estate and Gift Tax. Credit 2 to 3.

10. ☑ Approval recommended by:
    Maxine M. Harrington
    Department Head or Program Chair (Type Name & Sign) Date 9/11/2016

    Wayne Barnes
    Chair, College Review Committee Date 9/11/2016

    Andrew P. Monise
    Dean of College Date 9/11/2016

    Department Head or Program Chair (Type Name & Sign) Date
    (if cross-listed course)

11. a. As currently in course inventory:
    Prefix  Course #  Title (excluding punctuation)
    LAW    7290  Estate and Gift Tax

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
    3.00  0.00  0.00  3.00  2201010008  1710  0 0 3 6 3 2 7

    b. Change to:
    Prefix  Course #  Title (excluding punctuation)
    LAW    7290  Estate and Gift Tax

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acod. Year  FICE Code
    2.00  0.00  0.00  2.00  2201010008  1710  17 18 0 0 3 6 3 2 7

    Wayne Barnes
    Chair, College Review Committee Date 9/11/2016

    Andrew P. Monise
    Dean of College Date 9/11/2016

    Department Head or Program Chair (Type Name & Sign) Date
    (if cross-listed course)

    Submitted to Coordinating Board by:
    Associate Director, Curricular Services Date

    Chair, GC or UCC Date

    Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Submit original form and attachments

Form Instructions
1. Course request type: □ Undergraduate □ Graduate ✓ First Professional (DDS, MD, JD, PharmD, DPA)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7302 Federal Courts

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes ✓ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/JU □ P/F (CLASD)
7. If this course will be stacked, please indicate the course number of the stacked course: □

     ✓ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Federal Courts. Credit 2 to 3.

10. As currently in course inventory:

    Prefix  | Course #  | Title (excluding punctuation) |
    LAW    | 7302      | Federal Courts               |

    Lect. | Lab | Other | SCHI | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    3.00  |     |       | 3.00 | 2201010008       | 1710        | 0 0 3 6 3 2 7 |

    b. Change to:

    Prefix  | Course #  | Title (excluding punctuation) |
    LAW    | 7302      | Federal Courts               |

    Lect. | Lab | Other | SCHI | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
    2.00  |     |       | 2.00 | 2201010008       | 1710        | 17 - 18    | 0 0 3 6 3 2 |

   Approval recommended by:

   Wayne Barnes  Wayne P. Morrise
   Chair, College Review Committee  Dean of College
   Date
   Date

   Department Head or Program Chair (Type Name & Sign)
   (If cross-listed course)

   Submitted to Coordinating Board by:

   Associate Director, Curricular Services

   Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services — 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Form Instructions

1. Course request type:  □ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7310 Non-Profit Organizations

4. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason):
   c. Cross-list with:

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  □ Yes  □ No
6. If grade type is changing for existing course, indicate the new grade type:  □ Grade  □ S/U  □ Pass/Fail (CLAS)
7. If this course will be stacked, please indicate the course number of the stacked course:

   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vry.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

8. Complete current course title and current catalog course description:
   Non-Profit Organizations. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Non-Profit Organizations. Credit 2 to 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Non-Profit Organizations. Credit 2 to 3.

11. As currently in course inventory:

    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-----------------------------|
    | LAW    | 7310     | Non-Profit Organizations    |

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    |-------|-----|-------|-----|------------------|-------------|-----------|-------|
    | 3.00  |     |       | 3.00| 2201010008       | 1710        | 0 0 3 6 2 7 |

    b. Change to:

    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-----------------------------|
    | LAW    | 7310     | Non-Profit Organizations    |

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code | Level |
    |-------|-----|-------|-----|------------------|-------------|------------|-----------|-------|
    | 2.00  |     |       | 2.00| 2201010008       | 1710        | 0 0 3 6 3 2 |

Approval recommended by:
Maxine M. Harrington  Wayne Barnes  Andrew P. Morrise
Department Head or Program Chair (Type Name & Sign)  Date  Chair, College Review Committee  Date  Dean of College  Date

Department Head or Program Chair (Type Name & Sign) (if cross-listed course)  Date

Submitted to Coordinating Board by:
Associate Director, Curricular Services  Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:  
   - Undergraduate  - Graduate  [✓] First Professional (MD, MD), JD, PharmD, DPM)
2. Request submitted by [Department or Program Name]: School of Law
3. Course prefix, number and complete title of course: LAW-7371 Intl Business Transactions
   Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

Cross-listed courses require the signature of both department heads.

5. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

6. Is this an existing core curriculum course?  
   - Yes  [✓] No

7. If grade type is changing for existing course, indicate the new grade type:  
   - Grade  - S/U  - P/F (CLAS)

8. If this course will be stacked, please indicate the course number of the stacked course:  
   [✓] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpc.tamu.edu/resources/Export-control/export-control-basics-for-distance-education).


10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Intl Business Transactions. Credit 2 to 3.

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7371</td>
<td>Intl Business Transactions</td>
</tr>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td>3.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7371</td>
<td>Intl Business Transactions</td>
</tr>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td>2.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington  
Department Head or Program Chair (Type Name & Sign)  4-11-16

Wayne Barnes  
Chair, College Review Committee  Date
Andrew P. Morris  
Dean of College  Date

Department Head or Program Chair (Type Name & Sign) (if cross-listed course)

Submitted to Coordinating Board by:
Associate Director, Curricular Services  Date
Chair, GC or UCC  Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8231 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Submit original form and attachments

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7383 Juvenile Justice

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: __________________________________________

Cross-listed courses require the signature of both department heads.

5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CL, S, N)
7. If this course will be stacked, please indicate the course number of the stacked course:

   □ Verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/basics-for-distance-education).

8. Complete current course title and current catalog course description:
Juvenile Justice, (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Juvenile Justice. Credit 2 to 3.

10. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7383</td>
<td>Juvenile Justice</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2 7</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7383</td>
<td>Juvenile Justice</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date: 4/11/2016

Wayne Barnes
Chair, College Review Committee Date: 4/11/2016

Andrew P. Morris
Dean of College Date: 4/11/2016

Submitted to Coordinating Board by:
Associate Director, Curricular Services Date: Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type: □ Undergraduate □ Graduate ✔ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7401 Land Use

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason):
   c. Cross-list with: __________________________
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes ✔ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLASD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ✔ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:
   Land Use. (3-0). Credit 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Land Use. Credit 2 to 3.

11. a. As currently in course inventory:
    
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|--------------------------------|
    | LAW    | 7401     | Land Use                      |
    
    | Lect. | Lab | Other | SCI | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    |-------|-----|-------|-----|------------------|-------------|-----------|-------|
    | 3.00  |     | 3.00  | 2201010008 | 1710          | 0 0 3 6 3 2 | 7       |

    b. Change to:
    
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|--------------------------------|
    | LAW    | 7401     | Land Use                      |
    
    | Lect. | Lab | Other | SCI | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code | Level |
    |-------|-----|-------|-----|------------------|-------------|------------|-----------|-------|
    | 2.00  |     | 2.00  | 2201010008 | 1710          | 17 - 18    | 0 0 3 6 3 2 | 7       |

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date

Wayne Barnes
Chair, College Review Committee Date

Androw P. Morris
Dean of College Date

Department Head or Program Chair (Type Name & Sign) Date
(if cross-listed course)

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:
   - Undergraduate
   - Graduate
   - First Professional (MD, DDS, MD, PharmD, DPM)
2. Request submitted by (Department or Program Name):
   - School of Law
3. Course prefix, number and complete title of course:
   - LAW-7408 Energy Law

   Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason):
   c. Cross-list with:
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b, Attach a course syllabus.
5. Is this an existing core curriculum course?
   - Yes
   - No
6. If grade type is changing for existing course, indicate the new grade type:
   - Grade
   - S/U
   - P/F (CLM0)
7. If this course will be stacked, please indicate the course number of the stacked course:
   - ✔ 1 verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/Export-Controls-Basics-for-Distance-Education).
8. Complete current course title and current catalog course description:
   - Energy Law. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   - Energy Law. Credit 2 to 3.

10. As currently in course inventory:

    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|
    | LAW    | 7408     | Energy Law                    |

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    |-------|-----|-------|-----|------------------|-------------|-----------|-------|
    | 3.00  |     |       | 3.00| 2201010008       | 1710        | 0 0 3 6 3 2 | 7     |

11. Change to:

    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|
    | LAW    | 7408     | Energy Law                    |

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code | Level |
    |-------|-----|-------|-----|------------------|-------------|------------|-----------|-------|
    | 2.00  |     |       | 2.00| 2201010008       | 1710        | - 18       | 0 0 3 6 3 | 2     |

The form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services - 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: □ Undergraduate  □ Graduate  ✔ First Professional (D.V.M., M.D., Ph.D., D.P.M., D.V.M.)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7416 Legislation

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-listed with: ___________________________

Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes  ✔ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade  □ S/U  □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:

I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:
Legislation. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Legislation. Credit 2 to 3.

10. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7416</td>
<td>Legislation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7416</td>
<td>Legislation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

Approval recommended by:

Maxine M. Hambright
Department Head or Program Chair (Type Name & Sign) Date

Wayne James
Chair, College Review Committee Date

Andrew P. Morris
Dean of College Date

(If cross-listed course)

Submitted to Coordinating Board by:

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 945-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Submit original form and attachments

Form Instructions
1. Course request type:  □ Undergraduate  □ Graduate  ✔ First Professional (DDS, MD, JD, Ph.D., DPM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: Law 7435 Mergers & Acquisitions

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  □ Yes  ✔ No

6. If grade type is changing for existing course, indicate the new grade type:  □ Grade  □ S/U  □ Y/F (C/L/R/M)

7. If this course will be stacked, please indicate the course number of the stacked course:  ✔ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vtp.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:

Mergers & Acquisitions. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Mergers & Acquisitions Credit 2 to 3.

10. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7435</td>
<td>Mergers &amp; Acquisitions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2 7</td>
<td></td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7435</td>
<td>Mergers &amp; Acquisitions</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2</td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington  [Signature] 4/11/96
Department Head or Program Chair (Type Name & Sign)  Date
Wayne Barnes  [Signature]  7/10/96
Chair, College Review Committee  Date
Andrew P. Morris  [Signature]  4/4/96
Dean of College  Date

Department Head or Program Chair (Type Name & Sign)  Date
(If cross-listed course)

Submitted to Coordinating Board by:
Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions:
1. Course request type:  □ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVMD)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7438  Natural Resources Law

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: ___________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  □ Yes  □ No
6. If grade type is changing for existing course, indicate the new grade type:  □ Grade  □ S/U  □ P/F (CLMN)
7. If this course will be stacked, please indicate the course number of the stacked course:  
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:
Natural Resources Law. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
Natural Resources Law. Credit 2 to 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7438</td>
<td>Nat'l Resources Law</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

   b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7438</td>
<td>Nat'l Resources Law</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18</td>
<td>0 0 3 6 3 2</td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington
Date: __/__/2016
Department Head or Program Chair (Type Name & Sign)

Wayne Barnes
Chair, College Review Committee
Date: __/__/2016

Andrew P. Morris
Dean of College
Date: __/__/2016

Submitted to Coordinating Board by:

Associate Director, Curricular Services
Date: __/__/2016

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curriculum Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Form Instructions
1. Course request type: 
   - Undergraduate
   - Graduate
   - First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): 
   School of Law
3. Course prefix, number and complete title of course: 
   LAW-7440 Insurance Law
4. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason):
   c. Cross-list with:
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
   f. Is this an existing core curriculum course? 
      - Yes
      - No
   g. If grade type is changing for existing course, indicate the new grade type: 
      - Grade
      - S/U
      - P/F (CLMD)
   h. If this course will be stacked, please indicate the course number of the stacked course:
   i. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://ypr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).
5. Complete current course title and current catalog course description:
   Insurance Law. 2(0). Credit 2.
6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Insurance Law. Credit 2 to 3.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7440</td>
<td>Insurance Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11. a. As currently in course inventory:
   b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7440</td>
<td>Insurance Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date

Wayne Barnes
Chair, College Review Committee
Date

Andrew P. Morris
Dean of College
Date

Chair, GC or UCC
Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 945-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
* Submit original form and attachments *

Form Instructions
1. Course request type:
   □ Undergraduate □ Graduate □ First Professional (MD, MD-PhD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   School of Law
3. Course prefix, number and complete title of course:
   LAW-7458 Preparing for the Bar

   Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason):
   c. Cross-list with:

   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?
   □ Yes □ No

6. If grade type is changing for existing course, indicate the new grade type:
   □ Grade □ S/U □ P/F (CLAS)

7. If this course will be stacked, please indicate the course number of the stacked course:
   ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://www.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:
   Preparing for the Bar. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Preparing for the Bar. Credit 2 to 3.

10. As currently in course inventory:

   Prefix  Course #  Title (excluding punctuation)
   LAW    7458  Preparing for the Bar

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
   3.00  3.00  2201010008  1710  0 0 3 6 3 2 7

   b. Change to:

   Prefix  Course #  Title (excluding punctuation)
   LAW    7458  Preparing for the Bar

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
   2.00  2.00  2201010008  1710  0 0 3 6 3 2 7

   Approval recommended by:
   Maxine M. Harrington
   Department Head or Program Chair (Type Name & Sign) Date: 4-11-16

   Wayne Barnes
   Chair, College Review Committee Date: 4-11-16

   Andrew P. Morris
   Dean of College Date: 4-16-16

   Department Head or Program Chair (Type Name & Sign) (if cross-listed course)

   Submitted to Coordinating Board by:
   Chair, GC or UCC Date

   Date  Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions:
1. Course request type: 
   - Undergraduate  
   - Graduate  
   - First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7484 Remedies
4. Change requested
   a. Prerequisite(s): From: ____________ To: ____________
   b. Withdrawal (reason): ____________
   c. Cross-list with: ____________

   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course?  
   - Yes  
   - No
6. If grade type is changing for existing course, indicate the new grade type:  
   - Grade  
   - S/U  
   - P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:  
   - I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpf.tamu.edu/resources/export-control/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description: Remedies. (3-0). Credit 3.
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words): Remedies. Credit 2 to 3.

10. As currently in course inventory:
   
   Prefix | Course # | Title (excluding punctuation) | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
   LAW   | 7484     | Remedies                      | 3.00  | 3   | 0     | 2201010008      | 1710        | 0 0 3   | 6 3 2 7 |
   
   Approval recommended by:
   Maxine M. Harrington
   Department Head or Program Chair (Type Name & Sign) Date

   Wayne Barnes
   Chair, College Review Committee Date

   Andrew P. Morris
   Dean of College Date

   Department Head or Program Chair (Type Name & Sign) Date
   (if cross-listed course)

   Wayne Barnes
   Chair, GC or UCC Date

   Effective Date

   Submitted to Coordinating Board by:
   Associate Director, Curricular Services
   Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services - 08/14
Texas A&M University

Departmental Request for a Change in Course

Undergraduate + Graduate + Professional

Submit original form and attachments.

<table>
<thead>
<tr>
<th>Form Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Course request type:☐ Undergraduate ☐ Graduate ☑ First Professional (DMD, JD, PharmD, DVM)</td>
</tr>
<tr>
<td>2. Request submitted by (Department or Program Name):School of Law</td>
</tr>
<tr>
<td>3. Course prefix, number and complete title of course: LAW-7533 Texas Real Property</td>
</tr>
</tbody>
</table>

Attach a brief supporting statement for changes made to items 4a thru 4d. and 10 below.

<table>
<thead>
<tr>
<th>4. Change requested</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Prerequisite(s): From: ______________________ To: ______________________</td>
</tr>
<tr>
<td>b. Withdrawal (reason): ______________________</td>
</tr>
<tr>
<td>c. Cross-list with: ______________________</td>
</tr>
</tbody>
</table>

Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? ☐ Yes ☑ No

6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade ☐ SAU ☐ PIF (CLND)

7. If this course will be stacked, please indicate the course number of the stacked course:

☑ I verify that I have reviewed the FAQ for Export Controls/Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:

Texas Real Property. (3-0). Credit 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

Texas Real Property. Credit 2 to 3.

11. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7533</td>
<td>Texas Real Property</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>3.00</td>
<td></td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7533</td>
<td>Texas Real Property</td>
</tr>
</tbody>
</table>

| Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
|-------|-----|-------|-----|-------------------|-------------|-----------|
| 3.00  | 3.00|       | 2201010008 | 1710 | 17 - 18 | 0 0 3 6 3 2 | Level 7 |

Approval recommended by:

Maxine M. Harrington

Wayne Barnes
Chair, College Review Committee

Department Head or Program Chair (Type Name & Sign) Date

Andrew P. Montes
Dean of College

Date

Department Head or Program Chair (Type Name & Sign) Date

Submitted to Coordinating Board by:

Chair, GC or UCC

Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.

Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments.

Form Instructions
1. Course request type:
   - [ ] Undergraduate   [ ] Graduate   [x] First Professional (DVM, JD, MD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7550 Trademark & Unfair Competition Law

   Attach a brief supporting statement for changes made to items 4a thru 4d and 10 below.

4. Change requested
   a. Prerequisite(s):
      From: ____________________________ To: ____________________________
   b. Withdrawal (reason): ____________________________
   c. Cross-list with: ____________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?
   - [x] Yes   [ ] No

6. If grade type is changing for existing course, indicate the new grade type:
   - [ ] Grade   [ ] S/U   [ ] P/F (CL/MD)

7. If this course will be sunk, please indicate the course number of the sunk course: ____________________________

   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

8. Complete current course title and current catalog course description:
   Trademark & Unfair Competition Law. (3-0). Credit 3.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Trademark & Unfair Competition Law. Credit 2 to 3.

10. As currently in course inventory:

   Prefix | Course # | Title (excluding punctuation) | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
   -------|----------|--------------------------------|-------|-----|-------|-----|------------------|-------------|----------|-------|
   LAW    | 7550     | Trademark & Unfair Competition | 3.00  |     |       | 3.00| 2201010008       | 1710        | 0 0 3 6 3 2 | 7     |

   Change to:

   Prefix | Course # | Title (excluding punctuation) | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Academic Year | FICE Code | Level |
   -------|----------|--------------------------------|-------|-----|-------|-----|------------------|-------------|---------------|----------|-------|
   LAW    | 7550     | Trademark & Unfair Competition | 2.00  |     |       | 2.00| 2201010008       | 1710        | 17 - 18       | 0 0 3 6 3 2 | Level 7 |

   Wayne Barnes
   Chair, College Review Committee
   Date

   Andrew P. Morris
   Dean of College
   Date

   Department Head or Program Chair (Type Name & Sign) Date

   Maxine M. Harrington
   Department Head or Program Chair (Type Name & Sign) Date
   4/11/16

   Committer submitted:
   Wayne Barnes
   Chair, College Review Committee
   Date

   Submitted to Coordinating Board by:

   Chair, GC or UCC
   Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8221 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (M.D., M.D., PharmD, D.V.M.)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7557 Sales and Leases

4. Change requested
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason): __________________________
   c. Cross-list with: __________________________

Cross-listed courses require the signature of both department heads.

5. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   a. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

6. Is this an existing core curriculum course? □ Yes □ No

7. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)

8. If this course will be stacked, please indicate the course number of the stacked course:

   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://wpr.tamu.edu/resources/export-control-basics-for-distance-education).

9. Complete current course title and current catalog course description:
   Sales and Leases. (3-0). Credit 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Sales and Leases. Credit 2 to 3.

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7557</td>
<td>Sales and Leases</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCI</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td></td>
<td></td>
<td>3.00</td>
<td>2201010008</td>
<td>1710</td>
<td>0 0 3 6 3 2</td>
<td>7</td>
</tr>
</tbody>
</table>

b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7557</td>
<td>Sales and Leases</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCI</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td></td>
<td></td>
<td>2.00</td>
<td>2201010008</td>
<td>1710</td>
<td>17 - 18 0 0 3 6 3 2</td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by

Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date

Wayne Barnes
Chair, College Review Committee Date

Andrew P. Morris
Dean of College Date

Departmental Request for Change in Course

Submitted to Coordinating Board by:

Date

Associate Director, Curricular Services

Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:  
   - Undergraduate  
   - Graduate  
   - First Professional (MD, JD, PharmD, DPM)
2. Request submitted by (Department or Program Name): 
   School of Law
3. Course prefix, number and complete title of course: 
   LAW-7588 Elder Law

4. Change requested
   a. Prerequisite(s):  
      From:  
      To:  
   b. Withdrawal (reason):  
   c. Cross-list with:  

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  
   - Yes  
   - No
6. If grade type is changing for existing course, indicate the new grade type:  
   - Grade  
   - S/U  
   - P/F (CLA)
7. If this course will be stacked, please indicate the course number of the stacked course:  

   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpg.tamu.edu/resources/export-control/basics-for-distance-education).

8. Complete current course title and current catalog course description:
   Elder Law. (2-0). Credit 2.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   Elder Law. Credit 2 to 3.

11. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7588</td>
<td>Elder Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td>2.00</td>
<td>2.00</td>
<td></td>
</tr>
</tbody>
</table>

   b. Change to:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW</td>
<td>7588</td>
<td>Elder Law</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td>2.00</td>
<td>2.00</td>
<td></td>
</tr>
</tbody>
</table>

   Approval recommended by:  
   Maxine M. Harrington  
   Wayne Barnes  
   Andrew P. Morris  
   Wayne Barnes  

   Chair, College Review Committee  
   Date  
   Dean of College  
   Date

   Department Head or Program Chair (Type Name & Sign)  
   Date

   If cross-listed course

   Submitted to Coordinating Board by:

   Associate Director, Curricular Services  

   Date  
   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8301 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments.

Form Instructions
1. Course request type:
   - [ ] Undergraduate
   - [ ] Graduate
   - [x] First Professional (DO, MD, JD, PA, RN, PA)

2. Request submitted by (Department or Program Name): School of Law

3. Course prefix, number and complete title of course: LAW-7726 Texas Criminal Law Practicum

4. Change requested
   - [ ] Prerequisite(s): From: ____________________________ To: ____________________________
   - [ ] Withdrawal (reason): ____________________________
   - [ ] Cross-list with: ____________________________

5. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
6. Is this an existing core curriculum course? [ ] Yes [x] No
7. If grade type is changing for existing course, indicate the new grade type: [ ] S/U [ ] P/F (other)
8. If this course will be staked, please indicate the course number of the staked course:
9. Complete current course title and current catalog course description:
   Texas Criminal Law Practicum, (3-0). Credit 3.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Texas Criminal Law Practicum. Credit 2 to 3.

11. As currently in course inventory:
    Prefix  Course #  Title (excluding punctuation)
    LAW  7726  Texas Criminal Law Practicum

    Lect.  Lab  Other  SCHI  CIP and Fund Code  Admin. Unit  FICE Code  Level
    3.00  3.00  2201010008  1710  0 0 3 6 3 2 7

    Change to:
    Prefix  Course #  Title (excluding punctuation)
    LAW  7725  Texas Criminal Law Practicum

    Lect.  Lab  Other  SCHI  CIP and Fund Code  Admin. Unit  Acud. Year  FICE Code  Level
    2.00  2.00  2201010008  1710  17 18 0 0 3 6 3 2

    Approval recommended by:
    Maxine M. Harrington
    Wayne Barnes

    Department Head or Program Chair (Type Name & Sign) Date

    Department Head or Program Chair (Type Name & Sign) Date
    (If cross-listed course)

    Submitted to Coordinating Board by:
    Chair, GC or UCC Date

    Associate Director, Curricular Services Date
    Effective Date

Questions regarding this form should be directed to Sandlin Williams at 845-8201 or sandlin.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type: Undergraduate □ Graduate ☑ First Professional (DMD, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): School of Law
3. Course prefix, number and complete title of course: LAW-7865S Family Law and Benefits Clinic

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: ___________ To: ___________
   b. Withdrawal (reason): ___________
   c. Cross-list with: ___________

   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description: Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours: Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? ☑ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course: ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpc.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. □
9. Complete current course title and current catalog course description:
   Family Law and Benefits Clinic. (3-0). Credit 3.
10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Family Law and Benefits Clinic Credit 2 to 3.

11. a. As currently in course inventory:
    Prefix | Course # | Title (excluding punctuation)
    LAW | 7865S | Family Law and Benefits Clinic
    Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    Law | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    3.00 | 3.00 | 2201010008 | 1710 | 0 3 3 6 3 2 7

b. Change to:
    Prefix | Course # | Title (excluding punctuation)
    LAW | 7865S | Family Law and Benefits Clinic
    Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    Law | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
    2.00 | 2.00 | 2201010008 | 1710 | 17 - 18 | 0 3 6 3 2 7

Approval recommended by:
Maxine M. Harrington
Department Head or Program Chair (Type Name & Sign) Date
Wayne Barnes
Chair, College Review Committee Date
Andrew P. Morris
Dean of College Date

Department Head or Program Chair (Type Name & Sign) Date
(If cross-listed course)

Submitted to Coordinating Board by:
Associate Director, Curricular Services Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14