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 Anthropology
3. Course prefix, number and complete title of course: ANTH 680: Teaching Anthropology

Attach a brief supporting statement for changes made to items 4-through-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-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:

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b. Change to:

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Approval recommended by:
Cynthia Warner
Department Head or Program Chair (Type Name & Sign) Date 8-16-16
Chair, College Review Committee Date 8-16-16

Department Head or Program Chair (Type Name & Sign) Date 8-16-16
(If cross-listed course)

Dean of College Date

Submitted to Coordinating Board by:
Chair, GC or UCC Date 9-9-16

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
August 10, 2016

TO: Graduate Instruction Committee, College of Liberal Arts

FROM: Cynthia Werner, Department of Anthropology

RE: Course Change Request for ANTH 680

The Department of Anthropology is requesting to change ANTH 680 – Teaching Anthropology from a one-credit course to a zero-credit course. The rationale for this change is that this course is required as part of the credentialing of new graduate student instructors, but it is not required for student degree plans. This change will allow the course to remain on student transcripts, but not require students to pay for coursework that exceeds the 9 credit hours provided by a Graduate Assistant position.
Teaching Anthropology: 
Training for First-Time Graduate Instructors 
& Teaching Assistants 
ANTH 680 – Spring 2017

Tuesday 9:35-10:25, ANTH 105
Office Hours Monday 10:30 – 11:30 – Anthropology Bld. 309J
Instructor: Jeff Winking (jwinking@tamu.edu) Tel.: 979-458-5627

Course Description
This course is an introduction to course planning and is designed to help Anthropology graduate students develop the skills they need to be effective educators. Topics will include course design, syllabus design, student motivation and engagement, teaching sensitive topics, assessment design and implementation, and technology use in education.

Learning Objectives
The objective of this course is to get students familiar with the fundamental skills needed to successfully teach a course in Anthropology at Texas A&M University. At the end of the course, students should be able to:

1. Design a course, including an appropriate bibliography and effective syllabus.
2. Plan individual classes, employing didactic aids, technological aids, discussions, and other interactive teaching methods.
3. Discuss potentially provocative topics (e.g., race, gender and sexuality diversity, evolution, etc.) in a manner that promotes both candor and respect among diverse groups.
4. Create common introductory Anthropology courses that cover all of the necessary major topics and effectively teach classes covering major Anthropology themes, such as human evolution, cultural diversity, and cultural relativism.
5. Design and implement assessment plans.
6. Deal with conflict.

Prerequisites
Graduate standing; admission to graduate program in Department of Anthropology

Readings
All other reading materials will be posted on e-Campus.
Grading

The course grade will be based on five assignments each counting 20% to your final grade (100%). Letter Grades are based on the following scale: 100-90 = A; 80-89.9 = B; 70-79.9 = C; 60-69.9 = D; <60 = F. The final exam is not comprehensive.

Grades will only be posted on the course website and can be accessed there.

Attendance

I will not take attendance. If a student fails to turn in an assignment on time, a university approved excused absence will be required to make up the work. No late assignments will be accepted unless documentation is provided for a university approved excused absence on the due date. All late assignments must be completed before the next assignment due date. Students should notify the instructor in advance if they know they will need to take an excused absence. University approved excused absences are defined in the Texas A&M University Regulations: (http://student-rules.tamu.edu/rule07).

Helpful Websites

http://teaching.tamu.edu/Home.aspx
http://teaching.tamu.edu/Classroom-Management-and-Administration
http://teachingcenter.wustl.edu/strategies/Pages/syllabus-checklist.aspx#.VFFLPfhF98E

Aggie Code of Honor

"An Aggie does not lie, cheat, or steal or tolerate those who do." For additional information on the Aggie Honor Code, please visit: http://aggiehonor.tamu.edu.

Disabilities

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.

Diversity Statement

Respect for cultural diversity is a core concept of Anthropology. In this course, each voice in the classroom has something of value to contribute to class discussion. Please respect the different experiences, beliefs and values expressed by your fellow students and refrain from anti-intellectual comments about other individuals, cultures, groups, or viewpoints. The Anthropology Department supports the Texas A&M University commitment to Diversity, and welcomes individuals of all ethnic groups, genders, sexual orientations, and family backgrounds.

Course Schedule

Week 1: Introduction

The purpose of education. Is education a topic outside politics? Aggies, money, jobs, competition, education, citizenship, democracy.

What are the most important outcomes of undergraduate education? What is the social relevance of Anthropology?! What is the use of an anthropologist?! Video: https://www.youtube.com/watch?v=pztUt9CHtpY

(Don McLeroy)

For next class watch video:
http://www.ted.com/talks/ken_robinson_says_schools_kill_creativity?language=en

(Ken Robinson)

Week 2: Planning a course

The basic rules of course planning. (CTE Learning Outcomes PowerPoint).

http://teachingcenter.wustl.edu/strategies/Pages/course-planning.aspx#VF2AU_nF98E

Discussion: Bain, What the Best College Teachers Do, Introduction.

Week 3: Choosing a bibliography

Editors, politics, text books, articles and other resources. Evans Library. (CTE Teaching Strategies PowerPoint).

Discussion: Bain, What the Best College Teachers Do, Chapter 1

For next class watch video:
https://www.youtube.com/watch?v=u6XApnuFjJc&list=PL4611E32F61B257F5

(Dan Pink)

Assignment 1: Write a bibliography (2 pages, TNR12, single-spaced, margins 1”).

Week 4: Defining and adopting a teaching philosophy

Assessing, punishing, rewarding, motivating. Competition and citizenship. (CTE Classroom management PowerPoint).

Videos: https://www.youtube.com/watch?v=7sywMkf5OhI (Alfie Kohn)

https://www.youtube.com/watch?v=EQt-Z158wpw (Alfie Kohn)

Discussion: Bain, What the Best College Teachers Do, Chapter 2

Assignment 2: Write a teaching philosophy (half page, same format)
Week 5: How to put a syllabus together

Course title, number and section, schedule and location, academic calendar, resources, prerequisites, policies, grades. (CTE Grading PowerPoint).

http://teachingcenter.wustl.edu/strategies/Pages/syllabus-checklist.aspx#.VFFuZBb4rw

Discussion: Bain, What the Best College Teachers Do, Chapter 3

Assignment 3: Write the first draft of your syllabus (no longer than five pages).

Week 6: Defining learning objectives

Information, critical thinking, writing skills, curiosity. (CTE Advanced Technology PowerPoint).

Discussion: Bain, What the Best College Teachers Do, Chapter 4

Assignment 4: Write a one-page list with the five principal learning objectives for your class.

Week 7: How to manage a classroom

Student participation, lectures, exercises, grading, plagiarism, language, cultural sensitivity. (CTE Application of Teaching Strategy PowerPoint).

Discussion: Bain, What the Best College Teachers Do, Chapter 5

Week 8: How to construct a lecture

Rules to teach a perfect class. (CTE Self Reflection for Instructors PowerPoint).

http://teachingcenter.wustl.edu/strategies/Pages/default.aspx

Discussion: Bain, What the Best College Teachers Do, Chapter 6

Week 9: Assessment

Exams, assignments, laboratories. Communicating about grades. (CTE International PowerPoint).

Discussion: Bain, What the Best College Teachers Do, Chapter 7

Assignment 5: Write the final version of your syllabus (no longer than six pages).

Week 10: Effective Teaching

What makes a good teacher?

Discussion: Bain, What the Best College Teachers Do, Epilogue
Week 11: Teaching Sensitive Topics
Teaching potentially provocative topics among diverse groups—how to maintain candor and respect at the same time. Religion and evolution, race, gender and sexuality diversity, political systems, relativism.


Week 12: Anthropology Courses and Anthropological Lessons
Introductory courses, culture survey courses. Teaching human evolution, cultural diversity, cultural relativism, American exceptionalism.

Video: https://www.youtube.com/watch?v=9T9Kp4NE514 (Jamie Dimon)

Week 13: Critical thinking, High-Impact Experiences and Anthropology
Is there an alternative to the federal/state requirement “memorize this, regurgitate it the day after and forget it forever?” Higher Order Thinking Skills (HOTS). Outcome-Based Education (OBE).

Video: https://www.youtube.com/watch?v=dUqRTWCdXt4 (Derek Cabrera)

Week 14: Discussion
How do I want to evolve as a teacher?
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): Zachary Department of Civil Engineering
3. Course prefix, number and complete title of course: CVEN 601, CVEN 619, CVEN 620
   CVEN 619, CVEN 620

4. Change requested:
   a. Prerequisite(s): From:  Emphasis of the newly designed course will be on physical and chemical principles.
   b. Withdrawal (reason):  To:  
   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 (CLMP)

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 Controls 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:
   Engineering Analysis of Treatment Systems. (3-0). Credit 3. Theory of processes used to treat water, wastewater and hazardous wastes; applications of theory to design and operation of treatment systems, including biological treatment, adsorption, coagulation, filtration and precipitation. Prerequisites: CVEN 601, CVEN 619, CVEN 620.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    Engineering Analysis of Treatment Systems. (3-0). Credit 3. Theory of processes used to treat water and wastewater; applications of theory to design and operation of treatment systems, including adsorption, coagulation (including precipitation), flocculation, media filtration, and membrane filtration. Prerequisites: CVEN 619, CVEN 620.

11. a. As currently in course inventory:

    Prefix | Course # | Title (excluding punctuation) |
    ------ | -------- | ----------------------------- |
    Lect.  | Lab     | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |

    b. Change to:

    Prefix | Course # | Title (excluding punctuation) |
    ------ | -------- | ----------------------------- |
    Lect.  | Lab     | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |

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 Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Brief supporting statement for changes made to CVEN 604 course description

New offerings of the course will emphasize the physicochemical bases of the theory of treatment systems. In line with the expertise of the new instructor and the progress in the field, biological treatment processes will be substituted by more in-depth discussions of membrane filtration, flocculation, and media filtration.
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 (DAS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):  
   Department of Electrical and Computer Engineering
3. Course prefix, number and complete title of course:  
   ECEN 762 Ultrasound Imaging

   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 (CLM)

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:
   ECEN 762 Ultrasound Imaging- Please see attached.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   ECEN 762 Advanced Ultrasound Imaging Techniques- Please see attached.

10. As currently in course inventory:
    
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-----------------------------|
    | ECEN   | 762      | Ultrasound Imaging          |
    |        |          |                             |
    | Lect.  | Lab      | Other | SCH   | CIP and Fund Code | Admin. Unit | FICE Code |
    | 3.00   | 0.00     | 0.30  | 1410010006 | 0936 | 0 0 | 3 6 3 2 |
    | Level  |          |       |       |                 |

    Change to:
    
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-----------------------------|
    | ECEN   | 762      | Advanced Ultrasound Imaging Techniques |
    |        |          |                             |
    | Lect.  | Lab      | Other | SCH   | CIP and Fund Code | Admin. Unit | FICE Code |
    | 3.00   | 0.00     | 0.00  | 3.00  | 1410010006 | 0936 | 17 | 6 3 2 |

    Approval recommended by: ____________________________
    M. Begovic

    Department Head or Program Chair (Type Name & Sign) Date 8/11/16
    Chair, College Review Committee Date 8/11/16
    Dean of College Date 9/11/16
    Chair, GC or UCC Date 9/11/16

    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
**ECEN 762 Ultrasound Imaging** - Covers mathematical analysis of wave propagation, scattering of ultrasound in biological tissues, electronic transducer arrays for the beam forming, models of the received signals and signal processing methods for medical ultrasound imaging of tissues. Research papers related to fundamental ultrasound imaging concepts are discussed throughout the course.
Prerequisite: Approval of instructor

**ECEN 762 Advanced Ultrasound Imaging Techniques** - Fundamental concepts at the basis of ultrasound imaging, including: mathematical analysis of wave propagation, scattering of ultrasound in biological tissues, electronic transducer arrays for the beam forming, models of the received signals and signal and image processing methods for medical ultrasound imaging of tissues; focus on the fundamental understanding of advanced ultrasound imaging methods and techniques and their applications; State-of-the-art ultrasound imaging techniques that will be covered include: ultrasound contrast agents and harmonic imaging, 3D and 4D imaging, micro-ultrasound imaging, intravascular ultrasound, elasticity imaging, photoacoustic imaging, advanced Doppler imaging methods, 2D arrays, C-MUT and HIFU technologies. Performance will be assessed by means of one midterm exam, one final exam and one final project.
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

2. Request submitted by (Department or Program Name):
   Department of Electrical and Computer Engineering

3. Course prefix, number and complete title of course:
   ECEN 762 Ultrasound Imaging

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. If grade type is changing for existing course, indicate the new grade type: Grade
      S/U
      R/F
   g. If this course will be stacked, please indicate the course number of the stacked course:
   h. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://wpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

5. Complete current course title and current catalog course description:
ECEN 762 Ultrasound Imaging - Ultrasound is a non-invasive medical imaging modality that has a wide range of clinical applications, both as a primary modality and as an adjunct to other diagnostic procedures. Its utility in medicine is in large part due to some unique characteristics, such as real-time imaging capabilities, low cost, nonionizing radiation and portability. The purpose of this course is to present methods for characterizing and analyzing ultrasound imaging systems. Our goal is to present, with enough mathematical rigor, an integrated

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
ECEN 762 Advanced Ultrasound Imaging Techniques - This course will cover the fundamental concepts at the basis of ultrasound imaging. Topics include mathematical analysis of wave propagation, scattering of ultrasound in biological tissues, electronic transducer arrays for the beam forming, models of the received signals and signal and image processing methods for medical ultrasound imaging of tissues. We will then focus on the fundamental understanding of advanced ultrasound imaging methods and techniques and their applications.

7. As currently in course inventory:

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Approval recommended by:

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:

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