

Course Changes

**Introduction to Geographic Information Systems
ESSM 351/651**

Fall 2012

Instructor: Dr. Rusty Feagin

Office: 221C Centeq Building B, 1500 Research Parkway

Phone: 862-2612

E-mail: feagintr@tamu.edu

TAs: Ricky Colón-Rivera, ricardojcolon@gmail.com

Frances Toledo, frans1985@hotmail.com

Office Hours: By appointment. Please contact through e-mail.

Lecture: All Sections—MW 11:30 am -12:20 pm. Room HFSB 102

Labs: ESSM 351 Section 501--- T 8-10 am, Room HFSB 124
ESSM 351 Section 502--- M 1-3 pm, Room HFSB 124
ESSM 351 Section 503--- M 3-5 pm, Room HFSB 124
BAEN/ESSM Section 601--- M 8-10 am, HFSB 124
BAEN/ESSM Section 602--- T 3-5 pm, HFSB 124

Required Text: None.

Course Web Page and WebCT site: <http://elearning.tamu.edu>

Bus Route to Centeq: <http://transport.tamu.edu>

Attendance: Make-ups on class tests, quizzes, and lab homework assignments will not be allowed unless the student has a university-excused absence.

Late Work Policy: No late work accepted without a university-excused absence. If the student has a university-excused absence, assignments are worth full credit.

Prerequisites: None

Grading: A = 90-100, B = 80-89, C = 70-79, D = 60-69, F = 0-59

Undergraduates (FRSC 461)
Two Tests 40 pts. (20 pts. each)
Lab 60 pts.

Graduates (ESSM 651)
Two Tests 40 pts. (20 pts. each)
Lab 50 pts.
Term Project 10 pts.

Theresa Nemec

From: Heather Janke
Sent: Wednesday, August 14, 2013 9:52 PM
To: Theresa Nemec
Cc: Stormy King
Subject: Fwd: BAEN/ESSM 651
Attachments: image001.png; ATT00001.htm; ESSM-BAEN 651.pdf; ATT00002.htm

Hi Theresa,

We already took care of this a week or so ago. The registrars office has already made the changes.

Plus we don't use BAEN any longer.

Heather

Heather Haliburton Janke'00
Senior Academic Advisor I
Ecosystem Science & Mgmt
322 ANIN Bldg.
Hjanke@tamu.edu
979.862.8993

Begin forwarded message:

From: Chris Wilson <a-wilson@tamu.edu>
Date: August 14, 2013, 8:46:19 PM CDT
To: Heather Janke <hjanke@tamu.edu>
Subject: Fwd: BAEN/ESSM 651

Does this mean anything to you?

Sent from my iPad

Begin forwarded message:

From: Theresa Nemec <tnemec@tamu.edu>
Date: August 14, 2013, 8:47:52 AM MDT
To: Stormy King <stoking@tamu.edu>, Chris Wilson <a-wilson@tamu.edu>
Subject: BAEN/ESSM 651

I talked to Sandra Williams and she indicated we will need separate forms for each course. I would like to have the forms by the end of the week if possible so I can get them on the GPC website. Thanks

Theresa Nemec
Administrative Assistant
College of Agriculture and Life Sciences
Texas A&M University

tnemec@tamu.edu

600 John Kimbrough Boulevard, Suite 515 | 2402 TAMU | College Station, TX 77843-2402

Tel. 979.847.6180 | Fax. 979.845.6083

<http://aglifesciences.tamu.edu>

Welcome to Aggieland

July 9, 2013

Dr. David Baltensperger
Head
Dept. Ecosystem Science & Management
2138 TAMU

Dr. Baltensperger,

I request that we alter the course description and pre-requisites for ESSM/BAEN 651, as it is out of date. We recently changed our curriculum and the stacked ESSM 351 now has a different description, so it would also be of benefit to coordinate the two graduate and undergraduate course descriptions. The old description for ESSM/BAEN 651 is over a decade old, and simply no longer reflects the course material in this rapidly evolving field. The pre-requisites are simply not valid, given that this is an introductory level course and the average student in today's world is much more familiar with computers than they were a decade ago, hence making any prior experience with a computer irrelevant. The existence of a pre-requisite creates an undue burden on our advising and course registration for students every semester, thus it would be beneficial to remove it.

Sincerely,



Dr. Rusty A. Feagin
Associate Professor
Instructor for ESSM/BAEN 651
Dept. Ecosystem Science & Management
2138 TAMU

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial statements. This includes not only sales and purchases but also expenses and income. The document also highlights the need for regular reconciliation of bank statements and the company's records to identify any discrepancies early on.

In addition, the document provides a detailed breakdown of the accounting cycle, which consists of eight steps: identifying the accounting cycle, journalizing, posting, determining debits and credits, preparing a trial balance, adjusting entries, preparing financial statements, and closing the books. Each step is explained in detail, with examples provided to illustrate the process. The document also includes a section on the importance of internal controls, which are designed to prevent and detect errors and fraud.

The final part of the document discusses the role of the accountant in providing financial information to management and other stakeholders. It emphasizes that the accountant must be able to interpret the data and provide meaningful insights into the company's financial performance. This involves not only preparing financial statements but also analyzing the data to identify trends and areas for improvement. The document concludes by stating that the accountant's primary responsibility is to provide accurate and reliable financial information to the company's management and other stakeholders.

Texas A&M University
Departmental Request for a Change in Course
Undergraduate ♦ Graduate ♦ Professional

• Submit original form and attachments •

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AUG 02 2013

GRADUATE STUDIES

Form Instructions

1. Request submitted by (*Department or Program Name*): English
2. Course prefix, number and complete title of course: Engl 688/ Introduction to Comparative Literature

Attach a brief supporting statement for changes made to items 3a thru 3d, and 6 below.

3. Change requested
- a. Prerequisite(s): From: _____ To: _____
- b. Withdrawal (reason): Graduate faculty no longer teach this course; it does not fulfill any degree distribution requirements
- 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 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
- e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. **Attach a course syllabus.**
4. For informational purposes only, please indicate course number if this course will be stacked: _____
5. Complete current course title and current catalog course description: _____

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

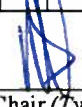
7. a. As currently in course inventory:


Prefix				Course #			Title (excluding punctuation)																					
E	N	G	L	6	8	8	I	N	T	R	O	D	T	O	C	O	M	P	A	R	A	T	I	V	E	L	I	T
Lect.	Lab	SCH	CIP and Fund Code										Admin. Unit			FICE Code				Level								
0	3	0	0	0	3	1	6	0	1	0	4	0	0	0	1	0	9	9	0	0	0	3	6	3	2	6		


- b. Change to:

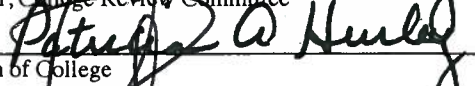
Prefix				Course #			Title (excluding punctuation)																				
Lect.	Lab	SCH	CIP and Fund Code										Admin. Unit			Acad. Year				FICE Code	Level						


Approval recommended by:

Nandini Bhattacharya  7/18/13
 Department Head or Program Chair (Type Name & Sign) Date

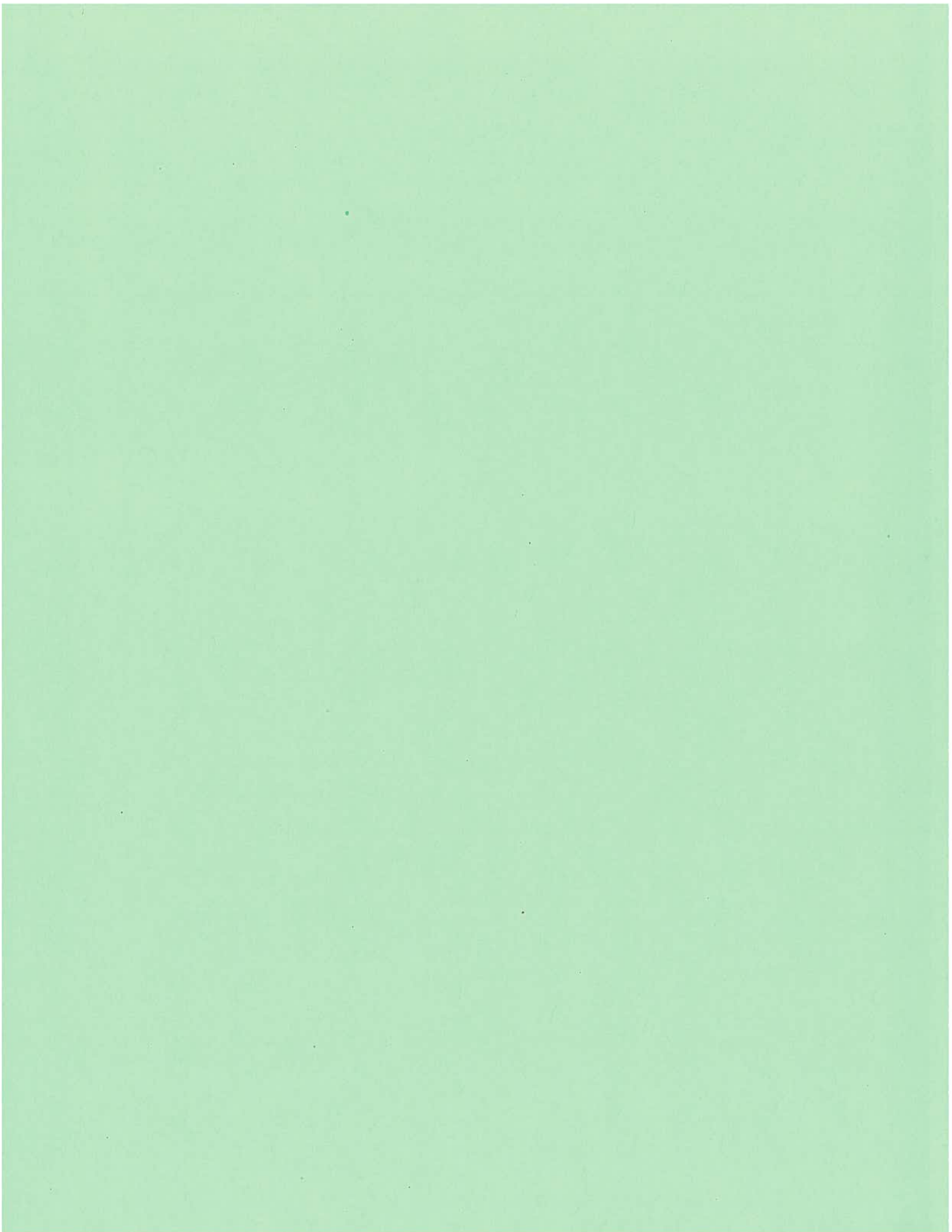
 7/29/13
 Department Head or Program Chair (Type Name & Sign) Date
 (if cross-listed course)

 8/1/13
 Chair, College Review Committee Date

 8/1/13
 Dean of College Date

 9-11-13
 Chair, GC or UOC Date

Submitted to Coordinating Board by: _____



RECEIVED

Texas A&M University

RECEIVED

AUG 15 2013

Departmental Request for a Change in Course

AUG 02 2013

Undergraduate ♦ Graduate ♦ Professional

• Submit original form and attachments •

ESSAP

Form Instructions

GRADUATE STUDIES

- Request submitted by (Department or Program Name): Materials Science and Engineering
- Course prefix, number and complete title of course: MSEN 602 Advanced Materials Science and Engineering
 Attach a brief supporting statement for changes made to items 3a thru 3d, and 6 below.
- Change requested
 - Prerequisite(s): From: Undergraduate quantum mechanics or approval of instructor To: MSEN 604, undergraduate quantum mechanics course, or approval of instructor.
 - 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 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
 - Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.
- For informational purposes only, please indicate course number if this course will be stacked: _____
- Complete current course title and current catalog course description: _____

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

7. a. As currently in course inventory:

Prefix				Course #			Title (excluding punctuation)																				
M	S	E	N	6	0	2	A	D	V	N	C	D	M	A	T	L	S	S	C	I	E	N	C	E	E	N	G
Lect.	Lab	SCH		CIP and Fund Code						Admin. Unit				FICE Code				Level									
0	4	0	0	0	4	4	0	1	0	0	1	0	0	0	2	0	5	9	0	0	0	3	6	3	2	6	

b. Change to:

Prefix				Course #			Title (excluding punctuation)																							
M	S	E	N	6	0	2	A	D	V	N	C	D	M	A	T	L	S	S	C	I	E	N	C	E	E	N	G			
Lect.	Lab	SCH	CIP and Fund Code						Admin. Unit				Acad. Year			FICE Code														
0	4	0	0	0	4	1	4	1	8	0	1	0	0	0	6	1	8	6	4	1	4	-	1	5	0	0	3	6	3	2

Approval recommended by: _____ Level 6

Ibrahim Karaman [Signature] 7/31/2013
Department Head or Program Chair (Type Name & Sign) Date

Scott Miller [Signature] 8/14/13
Chair, College Review Committee Date

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

Scott Miller [Signature] 8/14/13
Dean of College Date

Submitted to Coordinating Board by: _____

Mark Zoran [Signature] 9-11-13
Chair, GC of UCC Date

Associate Director, Curricular Services _____ Date _____ Effective Date _____

**MSEN 602 Advanced Materials Science and Engineering
Rationale for change in prerequisites**

After MSEN 602 had been taught for a few years, it became apparent to the instructor, Dr. Donald Naugle, that graduate students with an engineering, versus a physics, background would benefit from a ramp-up course in modern physics, including quantum mechanics to prepare them for MSEN 602 Advanced Materials Science and Engineering. MSEN 604 was thus established.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.4 billion (United Nations 1994). The number of people aged 65 and over is expected to increase from 200 million to 400 million (United Nations 1994).

There are a number of reasons why the world population is expected to increase. One of the main reasons is the increase in life expectancy. In 1990, the average life expectancy at birth was 47 years. By 2000, it is expected to be 55 years (United Nations 1994). This increase in life expectancy is due to a number of factors, including improved medical care, better nutrition, and a decrease in infant mortality.

Another reason for the increase in world population is the increase in the number of people who are of reproductive age. In 1990, there were 1.1 billion people of reproductive age (15-49 years old). By 2000, it is expected that there will be 1.4 billion people of reproductive age (United Nations 1994). This increase is due to a number of factors, including a decrease in the number of people who are of childbearing age and a decrease in the number of people who are of post-reproductive age.

The increase in world population is expected to have a number of significant impacts on the world. One of the most significant impacts is the increase in the number of people who are dependent on others. In 1990, there were 1.1 billion people who were dependent on others (under 15 years of age and 65 years of age and over). By 2000, it is expected that there will be 1.4 billion people who are dependent on others (United Nations 1994). This increase in the number of people who are dependent on others is expected to have a number of significant impacts on the world, including an increase in the demand for social services and an increase in the demand for health care.

The increase in world population is also expected to have a number of significant impacts on the environment. One of the most significant impacts is the increase in the demand for natural resources. In 1990, there were 1.1 billion people who were dependent on natural resources. By 2000, it is expected that there will be 1.4 billion people who are dependent on natural resources (United Nations 1994). This increase in the demand for natural resources is expected to have a number of significant impacts on the environment, including an increase in the depletion of natural resources and an increase in the pollution of the environment.

The increase in world population is also expected to have a number of significant impacts on the economy. One of the most significant impacts is the increase in the demand for goods and services. In 1990, there were 1.1 billion people who were dependent on goods and services. By 2000, it is expected that there will be 1.4 billion people who are dependent on goods and services (United Nations 1994). This increase in the demand for goods and services is expected to have a number of significant impacts on the economy, including an increase in the demand for labor and an increase in the demand for capital.

The increase in world population is also expected to have a number of significant impacts on the social structure. One of the most significant impacts is the increase in the number of people who are living in poverty. In 1990, there were 1.1 billion people who were living in poverty. By 2000, it is expected that there will be 1.4 billion people who are living in poverty (United Nations 1994). This increase in the number of people who are living in poverty is expected to have a number of significant impacts on the social structure, including an increase in the demand for social services and an increase in the demand for health care.

The increase in world population is also expected to have a number of significant impacts on the world's resources. One of the most significant impacts is the increase in the demand for land. In 1990, there were 1.1 billion people who were dependent on land. By 2000, it is expected that there will be 1.4 billion people who are dependent on land (United Nations 1994). This increase in the demand for land is expected to have a number of significant impacts on the world's resources, including an increase in the depletion of land and an increase in the pollution of the environment.

The increase in world population is also expected to have a number of significant impacts on the world's energy resources. One of the most significant impacts is the increase in the demand for energy. In 1990, there were 1.1 billion people who were dependent on energy. By 2000, it is expected that there will be 1.4 billion people who are dependent on energy (United Nations 1994). This increase in the demand for energy is expected to have a number of significant impacts on the world's energy resources, including an increase in the depletion of energy and an increase in the pollution of the environment.

MEMORANDUM

To whom it may concern

From: Michelle M. Taylor-Robinson, Director of Graduate Studies, Dept. of Political Science

Re: Justification for change to POLS 603\

Date: July 30, 2013

POLS 603 Quantitative Political Analysis is currently listed as a (2-2) Credit 3 course. However, the faculty who teach this course have all agreed that a 3 hour lecture format is preferable for teaching this material to a 2-2 format. For this reason we are requesting the course be changed to (3-0) Credit 3.

POLS 603: Quantitative Political Analysis II
Texas A&M University -- Fall 2013

Meeting time & location: Tuesdays, 12:45 - 15:35, Allen 2064

Instructor: Dr. Guy D. Whitten

Office: 2070 Allen Building

Telephone: (979) 845-2511

Email: whitten@polisci.tamu.edu

Office hours: by appointment

Course description and prerequisites: Introduction to advanced applications of quantitative analysis in political science; critical evaluation of the use of several advanced statistical techniques in political analysis. Prerequisite: POLS 602 or equivalent.

Political methodology is a rapidly-evolving field. The goal of this course is to provide students with the background necessary to understand and apply the ever-changing tools of the trade for empirical political science. We will start with an in-depth treatment of Ordinary Least Squares Regression models and then move to more complicated extensions. Throughout this course we will focus on the presentation of statistical results. Even the most exciting statistical results can be rendered useless if they are not effectively presented.

Learning outcomes: At the end of this course, students should be able to:

- utilize ordinary least squares regression models in their research.
- utilize time series models in their research.
- effectively present findings from statistical analysis.

Grades: Course grades will be based on performances on a midterm exam (20%), a final exam (35%), homework assignments and class participation (20%), and a final paper (25%).

- Grading scale: A = overall average of 89.5 or higher, B = 79.5 – 89.4, C = 69.5 – 79.4, D = 59.5 – 69.4, F = below 59.5
- Attendance policy: Attendance is required unless a student has a university acceptable excuse for their absence. Student Rule 7.3 states: Students may be excused from attending class on the day of a graded activity or when attendance contributes to a student's grade, for the reasons stated in Section 7.1, or other reason deemed appropriate by the student's instructor. Except in the case of the observance of a religious holiday, to be excused 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. In cases where advance notification is not feasible (e.g. accident, or emergency) the student must provide notification by the end of the second working day after the absence. This notification should include an explanation of why notice could not be sent prior to the class. Accommodations sought for absences due to the observance of a religious holiday can be sought either prior or after the absence, but not later than two working days after the absence. For more information see TAMU Student Rules at <http://student-rules.tamu.edu/rule07>
- Policy on late work: Late assignments lose a letter grade per day late (papers are due at the beginning of class on the assigned dates. Any time after that is considered late). If you have a university acceptable excuse that causes you to submit a paper late (e.g., illness with a note from a doctor), contact your professor by the second working day after your absence and the

late assignment will be accepted without penalty. For more information see TAMU Student Rules at <http://student-rules.tamu.edu/rule07>.

Homework and class participation: Homework assignments are an important part of methodology courses. Homework will be assigned at the end of each class meeting. We will start each class after the first meeting by going through the homework assigned from the previous class. Students will be also be expected to participate actively in class by asking and answering questions. Periodic quizzes on the course material will also be a part of this portion of the course grade.

Final Paper: Students will be expected to produce a paper in which they use one or more of the methods covered in this course to test an original political science theory. It is fine to have this paper also be submitted for credit in another course, as long as the student makes both instructors aware of this intention in advance. This paper must be solo-authored and is due at the beginning of the final exam.

Analysis: For most of the statistical work in this class, STATA will be required.

Textbook: Greene, William W. 2012. *Econometric Analysis*, 7th edition. Prentice Hall.

This book has the most comprehensive coverage of econometric techniques currently used by political scientists. It is, however, pitched at a mathematical level that many students find challenging during their second semester in our PhD program. In addition, Greene covers a wide range of topics that are not of general interest to political scientists. Thus, there will not always be perfect overlap between topics covered in the lectures and the textbook. The coverage and emphasis of materials in the lectures takes precedence over that of the textbook.

Class Schedule: We will spend as much time as necessary on each topic for this course. Because I am unable to predict in advance how long each topic will take, the schedule below is only a rough guideline. The timing of the exams will, however, not change without unanimous approval of a new time. It is expected that you will have attempted to read the assigned readings **before** the class period for which they are assigned.

Additional required readings will be announced during class meetings.

Week 1 -- August 27 -- Scheduled Topics:

- Course overview
- Introduction to matrix algebra

Week 2 -- September 3 -- Scheduled Topics:

- Introduction to OLS in matrix algebra

Readings: Read either or both of the following with particular attention to the topics covered in the August 27 lecture:

- Chapter 1 of Fox, John. 2009. *A Mathematical Primer for Social Scientists*. Sage Publications.
- Appendix A and Chapter 1-3 of Greene, William W. 2012. *Econometric Analysis*, 7th edition. Prentice Hall

Week 3 & 4 -- September 10 & 17 -- No class meetings. Students will be expected to locate the data with which they intend to work in the course and to prepare an overview of these data for presentation.

Week 5 -- September 24 -- Scheduled Topics:

- OLS in practice I

Readings:

- Chapter 4 of Greene

Week 6 -- October 1 -- Scheduled Topics:

- OLS in practice II

Readings:

- Chapters 5-6 of Greene

Week 7 -- October 8 -- Scheduled Topics:

- OLS in practice III
- Review for midterm examination

Week 8 -- October 15 -- Midterm Examination

Week 9 -- October 22 -- Scheduled Topics:

- OLS in practice IV

Readings:

- Chapters 7-9 of Greene

Week 10 -- October 29 -- Scheduled Topics:

- Time Series Models I

Readings:

- Chapter 20 of Greene
- Beck, Neal. 1991. "Comparing Dynamic Specifications: The Case of Presidential Approval." *Political Analysis*. 3:51-87.

Week 11 -- November 5 -- Visit by Skyler Cranmer, University of North Carolina. Class will be replaced by a research presentation and followed by an informal lunch with Dr. Cranmer. Scheduling details and readings TBA.

Week 12 -- November 12 -- Scheduled Topics:

- Time Series Models II
- Pooled Time Series Models

Readings:

- Chapter 21 of Greene
- Stimson, James (1985) "Regression in Time and Space: A Statistical Essay" *American Journal of Political Science* 29:914-947.

- Beck, Nathaniel and Jonathan Katz (1995) "What To Do (and Not To Do) with Time Series Cross-Section Data." *American Political Science Review* 89:634-47.
- Williams, Laron K. and Guy D. Whitten "But Wait, There's More! Maximizing Substantive Inferences from TSCS Models." *Journal of Politics*, forthcoming.

Week 13 -- November 19 -- Scheduled Topics:

- Discrete Choice I

Readings:

- Chapters 14 & 17 of Greene
- King, Gary, Michael Tomz, and Jason Wittenberg (2000) "Making the Most of Statistical Analyses: Improving Interpretation and Presentation." *American Journal of Political Science*, 44:347-61.
- Tomz, Michael, Jason Wittenberg, and Gary King (2003) "Clarify: Software for Interpreting and Presenting Statistical Results."

Week 14 -- November 26 -- Scheduled Topics:

- Discrete Choice II
- Review for final examination

Readings:

- Greene Chapter 18
- Whitten, Guy D. and Harvey D. Palmer. 1996. "Heightening Comparativists' Concern for Model Choice: Voting Behavior in Great Britain and the Netherlands." *American Journal of Political Science*, 40:231-260.

December 3 -- Redefined Thursday -- no class meeting

Week 15 -- December __ -- Final Examination & final paper due

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, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>.

Academic Integrity Statement and Policy: Honor Code/Copyright and Plagiarism Statements

The Aggie Honor Code states: "An Aggie does not lie, cheat, or steal, or tolerate those who do." For more information see the Aggie Honor Code website at <http://aggiehonor.tamu.edu>

The handouts and lectures used in this course are copyrighted. By "handouts," I mean all materials generated for this class, which include but are not limited to syllabi, exams, in-class materials, and

review sheets. Because these are copyrighted, you do not have the right to copy them, unless I expressly grant permission. In addition, I do not grant permission to tape class lectures.

“As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writings, etc., which belong to another. In accordance with the 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 the 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 Aggie Honor System Office website (<http://aggiehonor.tamu.edu>) or the latest version of the Texas A&M University Student Rules, under the section “Scholastic Dishonesty.” Lectures can not be recorded without the permission of the instructor.