eTROY

Bachelors Science Course

Spatial Applications of Social Science Inquiry (SS3377)
Term III 2016

For course syllabus posted prior to the beginning of the term, the instructor reserves the right to make minor changes prior to or during the term. The instructor will notify students, via email or Blackboard announcement, when changes are made in the requirements and/or grading of the course.

eTROY Courses at Troy University

All eTROY courses at Troy University utilize the Blackboard Learning System. In every eTROY course, students should read all information presented in the Blackboard course site and should periodically check for updates—at least every 48 hours. **Remember:** This is not a “correspondence course” in which a student may work at his/her own pace. Each week there are assignments, online discussions, online activities and/or exams with due dates. Refer to the schedule at the end of the syllabus for more information.

Instructor Information

Instructor: Mr. Jeffrey Caudill M.S.

Location: I am Located Auburn Alabama. The Course is taught on eTroy. My contact number is 256.454.6737.

My email is jadcaudill@gmail.com
I will be available for students question each week:

**Monday** – **Fridays 6 AM – 7AM; 7:00 PM – 10:00 PM US-Central Standard Time or By Appointment.**

**Saturdays 7AM – 9AM; 8PM – 9PM US-Central Standard Time or By Appointment**

I can be reached by phone (256.454.6737) or through email.

Instructor Education

Masters of Science in Geography from Auburn University 2014
Bachelors of Science in Geography with Minors of Business, Biology, Earth and Physical Sciences from Jacksonville State University 2011

Certification if Basic and Advance Film Production and Handling from Kodak 2006.

Course Description

This course is designed to introduce students to concepts, implementations, and applications of the geographic information analysis within the context of GIS technology. The course will show implementations of GIS in the social science field of research. A major purpose is to teach students how to integrate geographical information models and applications with future research in social science. An important aspect of this class is to gain a hands-on experience in applying GIS techniques and applications to address some research and practical questions. This course will be a combination of online lecture (power points and videos) and hands on exercises from the book. The lectures will cover concepts, methodologies and applications of GIS techniques. The hand-on exercise will be applying the applications to some real world questions and problems.

Course Objectives

To gain a general detail description of what social scientist do with large information. This course will give attention in using GIS to map data and amylases the data for more comprehensive knowledge on GIS application in social science research.

Student Learning Outcomes

By the end of the course, students should be able to:

1. Master basic commonly used tools, techniques in ArcGIS
2. Recognize which techniques are most suitable to address the question or problem
3. Interpret the results correctly and to determine how relates to the social science field

Course Prerequisites

No Course Prerequisites - Basic Computer Course Topics Knowledge if Helpful
Specific Course Requirements

Each Week you will post a response to a discussion board question by Friday Midnight US-Central standard Time

You will be responsible for answer question at end of each unit exercise that are due every Sunday by Midnight US-Central Standard Time

There will be a 2-3 Page project in APA format that will be due at end of term.

There is a midterm exam and a comprehensive final exam.

Research Component

The project will be comprised of 3 references 2 of your choosing with 1 having be an academic journal. The project will need to be in an area of your interest. The project will need to use at least 3 technical skill sets in ArcGIS that you have learned or will learn in this Term.

Entrance Competencies

All Skill in this course can be taught and learned through the course. Basic computer knowledge does assist with easier learning. (example: saving a PDF or .JPEG).

Required Textbooks


ISBN: 9781589483224

The textbook provider for the eTROY of Troy University is MBS Direct. The Web site for textbook purchases is http://www.mbsdirect.net/Index.htm

Students should have their textbook by the first week of class. Not having your textbook is not an acceptable excuse for late work. Students who add this course late should refer to the “Late Registration” section for further guidance.

Supplementary Materials

Other Materials: Access to computer and ArcGIS software

Attendance Policy

In addition to interaction via Blackboard and email contact, students are required to contact the instructor via email or telephone by the first day of the term for an initial briefing. Although physical class meetings are not part of this course, participation in all interactive, learning activities is required.

Submitting Assignments
Discussion board question will be submitted on the discussion board under the topic or question of the week.

All Weekly assignments will be submitted through the blackboard Assignment tab.

Your project will need to be submitted through email due to the possible file size constraints on blackboard.

Make-Up Work Policy

Missing any part of this schedule may prevent completion of the course. If you foresee difficulty of any type (e.g., an illness, employment change, etc.) which may prevent completion of this course, notify the instructor as soon as possible. Failure to do so will result in failure for an assignment and/or failure of the course. (See “Attendance” Policy.) If I have not heard from you by the deadline dates for assignments, exams, or forums, no make-up work will be allowed (unless extraordinary circumstances exist, such as hospitalization). Requests for extensions must be made in advance and accompanied by appropriate written documentation. “Computer problems” is not an acceptable excuse.

Method of Evaluation

Discussion Board Participation: 10 points total
Exercises in Book: 50 points per assignment each week
Project: 70 points for project
Exams (2): 40 points for written portion and 60 points for application each exam

750-700 A
699-449 B
448-398 C
397-347 D
<347 F

Examination Schedule and Instructions

There will be a mid-term exam that is multiple choice, short answer and application portion to the exam. There will be a comprehensive final exam due to GIS consistently builds on concepts. The final will be multiple choice and short answer and have an application portion as well.

The Exam will be found under the assignment tab on blackboard
The Exams will be proctored exams and will be closed book.

The exams will have a 3 hour time limit from once you start the exam. The exam will close after the 3 hour time limit. You will have to complete all sections of the exam within the 3 hours.

The Mid-Term will be taken during the last day of Week 4 of the Term.

The Final will be taken during the last day of Week 9 of the Term.

**Late Registration**

Students who register during the first week of the term, during late registration, will already be one week behind. Students who fall into this category are expected to catch up with all of Week #1 and Week #2’s work by the end of Week #2. No exceptions, since two weeks constitutes a significant percentage of the term’s lessons. Students who do not feel they can meet this deadline should not enroll in the class. If they have registered, they should see their registrar, academic adviser, GoArmyEd or Military Education officer to discuss their options. Also note that late registration may mean you do not receive your book in time to make up the work you missed in Week #1. Not having your book on the first day of class is not an excuse for late work after the deadlines in the Course Schedule.

**Incomplete Grade Policy**

Missing any part of the Course Schedule may prevent completion of the course. If circumstances will prevent the student from completing the course by the end of the term, the student should complete a request for an incomplete grade. Note: A grade of incomplete or "INC" is not automatically assigned to students, but rather must be requested by the student by submitting a Petition for and Work to Remove an Incomplete Grade Form. Requests for an incomplete grade must be made on or before the date of the final assignment or test of the term. The form will not be available after the last day of the term. A grade of "INC" does not replace an "F" and will not be awarded for excessive absences. An "INC" will only be awarded to student presenting a valid case for the inability to complete coursework by the conclusion of the term. It is ultimately the instructor’s decision to grant or deny a request for an incomplete grade, subject to the policy rules below. Policy/Rules for granting an Incomplete (INC). An incomplete cannot be issued without a request from the student. To qualify for an incomplete, the student must:

- Have completed over 50% of the course material and have a documented reason for requesting incomplete (50% means all assignments/exams up to and including the mid-term point, test, and/or assignments.)
- Be passing the course at the time of their request.

If both of the above criteria are not met an incomplete cannot be granted.

An INC is not a substitute for an "F". If a student has earned an "F" by not submitting all the work or by receiving an overall "F" average, then the "F" stands.

**TROY Email**
All students were required to obtain and use the TROY email address that is automatically assigned to them as TROY students. All official correspondence (including bills, statements, emails from instructors and grades, etc.) will be sent ONLY to the troy.edu (@troy.edu) address.

**All students are responsible for ensuring that the correct email address is listed in Blackboard by the beginning of Week One.** Email is the only way the instructor can, at least initially, communicate with you. It is your responsibility to make sure a valid email address is provided. **Failure on your part to do so can result in your missing important information that could affect your grade.**

Your troy.edu email address is the same as your Web Express user ID following by @troy.edu. Students are responsible for the information that is sent to their TROY email account. You can get to your email account by logging onto the course and clicking "Email".

**Internet Access**

This is an online class. Students must have access to a working computer and access to the Internet. Students can use a TROY computer lab (if available), a public library, etc., to insure they have access. “Not having a computer” or “computer crashes” are not acceptable excuses for late work. Have a back-up plan in place in case you have computer problems.
## COURSE SCHEDULE

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<th>Dates</th>
<th>Assignments</th>
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| **Week 1**  | Respond to Discussion Board Question by Friday Midnight US-Central Standard Time  
Read and work through Chapter 1 & 2 in the Book  
Turn in Chapter Assignment by Sunday Midnight US-Central Standard Time                           |
| **Week 2**  | Respond to Discussion Board Question 2 by Friday Midnight US-Central Standard Time  
Read and Work through the Chapters 4 & 5 in the book.  
Turn in Chapter Assignment by Sunday Midnight US-Central Standard Time                     |
| **Week 3**  | Respond to Discussion Board Question 3 by Friday Midnight US-Central Standard Time  
Look at Chapter 5 again for review.  
Read and Work through the Chapters 6 and 7  
Turn in the Chapter Assignment by Sunday Midnight US-Central Standard Time  
Consider what your topic might be for your paper and turn in suggested topics.               |
| **Week 4**  | Respond to Discussion Board Question 4 by Friday Midnight US-Central Standard Time  
Review Chapter 6 & 7 material and see optional Chapter 6 & 7 Question  
Read and work through Chapter 8 (This unit when worked will take time when working through exercises)  
Turn in the Chapter Assignment by Sunday Midnight US-Central Standard Time  
Turn in proposal for research paper by Saturday Midnight US-Central Standard Time          |
| **Week 5**  | Respond to Discussion Board Question 5 by Friday Midnight US-Central Standard Time  
Work through the Mid-Term Review Sheet  
No other Assignments will be due so you have the Week to prep for Mid-Term Exam              |
| **Week 6**  | Complete Mid-Term Exam by Midnight Wednesday.  
Read Chapter 9  
Read and work through Chapter 10 – Turn in Chapter 10 Assignment by Sunday Midnight US-Central Standard Time  
Read Chapter 11  
Turn in your data source for your paper by Sunday Midnight US-Central Standard Time         |
| **Week 7**  | Respond to Discussion Board Question 6  
Read and work though Chapter 12 and 13  
Turn in Chapter Assignments by Sunday Midnight US-Central Standard Time  
Turn in research sources for project                                                          |
| **Week 8**  | Respond to the Discussion Board Question 7 by Friday Midnight US-Central Standard Time  
Work Review sheet for Final exam                                                               |
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<tr>
<th>Week 9</th>
<th>Turn in draft of paper for instructor feedback (optional)</th>
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<tr>
<td></td>
<td>Study for Final Exam</td>
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<td>Take Final Exam by Wednesday Midnight US-Central Standard Time</td>
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<td>Respond to the Final Discussion Board By Friday Midnight US-Central Standard Time</td>
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<td>Turn in your final Research project by Sunday Midnight US-Central Standard Time</td>
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Student Expectation Statement

As an online learner with Troy University you are expected to:

**Meet all appropriate deadlines** – from the application process to the course assignment deadlines to preparing for graduation there are deadlines every step of the way that have been established to make the process easier for students to achieve their goals. It is the student’s responsibility to meet all appropriate deadlines. Routinely review the eTROY Academic Calendar and adhere to the deadlines. Start with completing your official application documents within the first term to meeting graduation intent deadlines.

**Use your Troy email** – the Troy University email is your official notification for all that goes on with your online program and events and notices related to the University.

**Be sure to read your email** and keep all correspondence with Troy staff and faculty for future reference.

**Go through the orientation** – the orientation for both undergraduate and graduate online learners has been designed to assist students to have a successful educational experience with their online programs. Information on how to access Blackboard and other learning tools are included in the orientation along with valuable resources on how to learn in the online environment.

**Make sure that your computer meets the technical requirements and that you have adequate Internet connection.** Students must have access to a working computer that they have administrator rights on and access to the Internet. Students can use University computer labs, a public library, etc. to access the Internet but some courses may require the ability to download course related software.

**Make sure you are ready for online learning** – eTROY works on nine week terms. Does your learning style match an accelerate course pace? Do you have the time to dedicate to an interactive course? eTROY courses are not self-paced courses, you must meet all the timelines established by the instructor and participate in all activities assigned. **Read your academic catalog** – your academic catalog is your “bible” for your online degree program. Please familiarize yourself with your degree program. The undergraduate and graduate catalogs can be found online at http://www.troy.edu/catalogs/. Pay close attention to admission requirements and prerequisite courses. Know the requirements for your degree plan. If you have questions your academic counselor will assist you.

**Access your degree program** – a link is available for students to view all degree requirements, prerequisites, major requirements and minors, if applicable.

**Be sure to read and follow your syllabus.**

**Be sure to register during the registration timeframes** – There are four weeks of registration for each term. Register early and order your books. eTROY runs on nine week terms. Waiting until the first week of classes to register and order books is too late. It is the online learners’ responsibility to be prepared for the first day of the term. eTROY students are required to order their textbooks through MBS Direct to insure the student has the proper materials for the course. The link to order textbooks from MBS is http://www.mbsdirect.net/Index.htm. eTROY is not responsible for issues regarding textbooks that have not been ordered through MBS Direct.

**Work with your instructor** – while in an online course the online learners are expected to work with the faculty who teach the course when questions arise related to the course and the grades. The staff cannot “fix a grade.” Once the course is completed for a grade and there are still issues, there are appropriate procedures that online learners must follow to address their concerns.

**Be courteous, polite and respectful** – to faculty, staff and fellow students. Inappropriate behaviors and comments will not be tolerated.

**Be ethical in your coursework** – Cheating, plagiarism, and other such behaviors will not be tolerated at Troy University. Specific penalties will be determined by the faculty and the consequences will adhere to Troy University policy.

**Notify the University re: American with Disability Act** - Eligible students, with appropriate documentation, will be provided equal opportunity to demonstrate their academic skills and potential through the provision of academic adaptations and reasonable accommodations. Further information can be found at: http://trojans.troy.edu/etroy.student-services/adaptive-needs.html
eTROY Policies and Procedures Revised January 2012

eTROY COURSES AT TROY UNIVERSITY
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TROY EMAIL
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• All students are responsible for ensuring that the correct email address is listed in Blackboard by the beginning of Week #1. Email is the only way the instructor can, at least initially, communicate with you. It is your responsibility to make sure a valid email address is provided. Failure on your part to do so can result in your missing important information that could affect your grade.

Your troy.edu email address is the same as your Web Express user ID following by @troy.edu. Students are responsible for the information that is sent to their TROY email account. You can get to your email account by logging onto the course and clicking “Email Login.” You will be able to forward your TROY email to your GoArmyEd email account if applicable. You must first access your TROY email account through the TROY email link found on the Web site. After you log in to your TROY email account, click on “options” on the left hand side of the page. Then click on “forwarding.” This will enable you to set up the email address to which you will forward your email.

STUDENT/FACULTY INTERACTION
Interaction will take place via email, telephone, discussion board forums, comments on written assignments and office visits (if needed and possible).
• The student will participate in this course by following the guidelines of this syllabus and any additional information provided by the instructor, the eTROY center at Troy University, or Troy University itself.
• The student is expected to remain in regular contact with the instructor and class via email or other communications means, by participating in the discussion forums, submitting assignments and taking exams, all in a timely fashion.
• TROY requires instructors to respond to students’ email within 24 hours Mon-Thur, and 48 hours Fri-Sun.

TECHNOLOGY REQUIREMENTS
Students must have:
• A reliable working computer that runs Windows XP or Windows Vista.
  o Windows Vista or Windows 7 or Windows 8
  o Mac OS X 10.6 or Mac OS X 10.7 or Mac OS X 10.8
• A personal computer capable of running:
  o Internet Explorer 9.0 or Internet Explorer 10.0
  o Safari 5.0 or Safari 6.0
  o Current Versions of Firefox or Chrome.
  o Students who use older browser versions will have compatibility problems with Blackboard.
• A TROY e-mail account that you can access on a regular basis (see "TROY e-mail" above)
• E-mail software capable of sending and receiving attached files.
• Access to the Internet by Broadband connection.
• Microsoft WORD 2007 or higher. (I cannot grade anything I cannot open! This means NO MS-Works, NO WordPad, NO WordPerfect)
• Virus protection software, installed and active, to prevent the spread of viruses via the Internet and e-mail. It should be continually updated!
TECHNICAL SUPPORT CENTER
If you experience technical problems, you should contact the Blackboard Online Support Center. If you can log onto the course simply look at the top of the page. You will see an icon entitled, “Need Help?” If you click on this icon, you will see the information below.
For assistance with Blackboard, Wimba, Remote Proctor, and other online tools, please go to http://helpdesk.troy.edu and submit a ticket. The Educational Technology team is available 8:00 a.m. to 8:00 p.m. seven days a week to support your technical needs. For instructions on submitting a ticket, please click here.

NON-HARASSMENT, HOSTILE WORK/CLASS ENVIRONMENT
Troy University expects students to treat fellow students, their instructors, other TROY faculty, and staff as adults and with respect. No form of “hostile environment” or “harassment” will be tolerated by any student or employee.

ADAPTIVE NEEDS (ADA)
Troy University recognizes the importance of equal access for all students. In accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, the University and its Adaptive Needs Program seeks to ensure that admission, academic programs, support services, student activities, and campus facilities are accessible to and usable by students who document a qualifying disability with the University.
Reasonable accommodations are available to students who:
● are otherwise qualified for admission to the University
● identify themselves to appropriate University personnel
● provide acceptable and qualifying documentation to the University.
Each student must provide recent documentation of his or her disability in order to participate in the Adaptive Needs Program. Please visit the Adaptive Needs Website @ http://www.troy.edu/ecampus/studentservices/adaptiveneeds.htm to complete the necessary procedure and forms. This should be accomplished before the beginning of class.

HONESTY AND PLAGIARISM
The awarding of a university degree attests that an individual has demonstrated mastery of a significant body of knowledge and skills of substantive value to society. Any type of dishonesty in securing those credentials therefore invites serious sanctions, up to and including suspension and expulsion (see Standard of Conduct in each TROY Catalog). Examples of dishonesty include actual or attempted cheating, plagiarism*, or knowingly furnishing false information to any university employee.
*Plagiarism is defined as submitting anything for credit in one course that has already been submitted for credit in another course, or copying any part of someone else’s intellectual work – their ideas and/or words – published or unpublished, including that of other students, and portraying it as one’s own. Proper quoting, using strict APA formatting, is required, as described by the instructor. All students are required to read the material presented at: http://trojan.troy.edu/writingcenter/research.html
● Students must properly cite any quoted material. No term paper, business plan, term project, case analysis, or assignment may have no more than 20% of its content quoted from another source. Students who need assistance in learning to paraphrase should ask the instructor for guidance and consult the links at the Troy Writing Center.
● This university employs plagiarism-detection software, through which all written student assignments are processed for comparison with material published in traditional sources (books, journals, magazines), on the internet (to include essays for sale), and papers turned in by students in the same and other classes in this and all previous terms. The penalty for plagiarism may range from zero credit on the assignment, to zero in the course, to expulsion from the university with appropriate notation in the student’s permanent file.
LIBRARY SUPPORT
The Libraries of Troy University provide access to materials and services that support the academic programs. The Libraries link on the Troy University home page http://trojan.troy.edu/ can be used to access our online presence. This site provides access to the Library's Catalog and Databases, as well as to links to all Campus libraries and to online or telephone assistance provided by Troy Library staff.

FACULTY EVALUATION
In the eighth week of each term, students will be notified of the requirement to fill out a course evaluation form. These evaluations are completely anonymous and are online. Further information will be posted in the Announcements section in Blackboard.

HOW TO LEARN ONLINE
Troy University eTROY is designed to serve any student, anywhere in the world, who has access to the Internet. All eTROY courses are delivered through the Learning System. Blackboard helps to better simulate the traditional classroom experience with features such as Virtual Chat, Discussion Boards, and other presentation and organizational forums.
In order to be successful, you should be organized and well motivated. You should make sure you log in to our course on Blackboard several times each week. Check all “announcements” that have been posted. Start early in the week to complete the weekly assignment. You should also go to the Discussion Board early in the week and view the topic and question/s for the group discussion exercise. Make your “initial” posting and participate in the discussion. Begin reviewing for the exams early in the term. Do not wait until the last minute and “cram” for these exams. You should review the material frequently, so you will be prepared to take the exams.

eTROY CONTACT
Whether you're experienced at taking online courses or new to distance learning, we're here to help you succeed in your online education. If you have general questions about eTROY programs, courses, policies, services or other university-wide topics, please visit the eTROY web site @ http://trojan.troy.edu/etroy/; call 1-800-414-5756, or ASK TROY.