CADASTRAL INFORMATION SYSTEMS

INSTRUCTOR: Dr. Stacey D. Lyle, RPLS
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COURSE FORMAT: Online Lecture is offered. You must be enrolled into the online course with permission from instructor.

COURSE NAME: GSEN 5381.w01 and GSEN 5381.001
LECTURE TIMES: Online and Sat 9am-12pm
LECTURE LOCATION: Online

OFFICE HOURS: 8-10 MW or by appointment.

Note: Dr. Stacey D. Lyle, RPLS reserves the right to change this syllabus at anytime. It is the student’s responsibility to have the most current syllabus. Sometimes meetings are called during my office hours, so contact me before coming – that is, try and arrange your meeting with me in advance

II. Course Description
A review of the evolution of European cadastral systems and land records traditions and alternatives. Examination of the goals and purposes of land tenure systems with attention to social, political, legal, economic, organizational, and technical issues. Exploration of U.S. modernization efforts and the problems of developing countries. Prerequisite: Permission of the Program Coordinator.

III. Prerequisites:
NONE

IV. Required Text:
Handouts

V. Course Objectives:
1. Learn how Land Transferred in history to how it transfers today using lectures and reading assignments.
2. Development of maps illustrating past cadastral will be developed to understand the diversity of Cadastral Systems.
3. Build and implement a cadastral information system based on modern spatial information technologies

VI. Course Outcomes
- Students will have the ability to define cadastral systems used throughout the world.
- Students will gain the knowledge and application of building a cadastral system
- Students will be able to build and design new cadastral systems
- Students will be able to develop a distributed cadastral systems
VII. Evaluation and grade assignment
The final grade for this course will be made up from the graded marks as follows:
Assignments 30%
Project 1 20% of grade
Project 2 20% of grade
Project 3 20% of grade

VII. Course Schedule
CLASS TBD and Online
https://iol.tamucc.edu/

REQUIRED SOFTWARE
ArcGIS 9.3.1
Opensource

COURSE REQUIREMENTS
1) Attendance of online lecture
2) It is the student’s responsibility to check emails (university e-mail addresses) and
3) access WebCT concerning courses materials
4) Completion and submission of assignments by the due date
5) Participation in WebCT discussion

Assignments:
Written Papers, Quizzes, Working Sketches, and Literature Review

Projects:
1. Abstract and literature review
2. Cadastral GIS
3. Research Paper

Notice to Students with Disabilities: The Geographic Information Science Program complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. If you need disability accommodations in this class, please see me as soon as possible. Please have your accommodation letter from TAMU-CC Services for Students with Disabilities Office with you when you come see me. If you suspect that you may have a disability (physical impairment, learning disability, psychiatric disability, etc.), please contact the Services for Students with Disabilities Office (located in Driftwood 101) at 825-5816. It is important that you contact them in a timely fashion as it may take several days to review requests and prepare accommodations.

ACADEMIC ADVISING: The College of Science and Technology requires that students meet with an Academic Advisor (Ms. Ida Olivarez. Office: FC 168. Phone: 825-5797. Zip+4: 5806. URL: http://www.sci.tamucc.edu/camsadvising/. Email: ida.olivarez@tamucc.edu) as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair.

Grade Appeal Process. As stated in University Rule 13.02.99.C2, Student Grade Appeals, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to
first discuss the matter with the instructor. For complete details, including the responsibilities of
the parties involved in the process and the number of days allowed for completing the steps in
the process, see University Rule
13.02.99.C2, Student Grade Appeals, and University Procedure 13.02.99.C2.01, Student
Grade Appeal Procedures. These documents are accessible through the University Rules
Web site at http://www.tamucc.edu/provost/university_rules/index.html. For assistance and/or
guidance in the grade appeal process, students may contact the Office of Student Affairs.

GENERAL GUIDELINES FOR COURSES AND LABS
IN THE GISC PROGRAM
CULTURE, REGULATIONS, MODES OF OPERATION AND PROCEDURES
These guidelines are designed to inform scholars of their responsibilities and of the course
requirements in order to make this course a positive experience. The instructor is always
available for consultation and discussion with students on any aspect of a course and of these
general guidelines.
CLASS CULTURE
1. Consider yourself as a scholar rather than a student. The term “student” may imply
some passivity, whereas the term “scholar” implies active participation,
understanding and searching. We will use these terms interchangeably with the
meaning of “scholar” implied. Osmosis does not work in a learning environment!
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A good scholar takes NOTES at every class meeting.
2. Further, define yourself as a “thinking explorer”. You are responsible for your
education; an instructor can only be a guide and a facilitator. An instructor cannot
learn for you. If you come across something that really interests you, explore it
further.
3. Your experience at this University should not consist of passing a series of courses to
earn a degree. Your experience should rather be a series of activities that will give
you an education.
4. Concentrate on “learning to learn”. You will have to be a life-long learner to survive
in your chosen career.
5. There is no such thing as a stupid question; there is such a thing as a stupid answer.
So ask questions, the instructor is taking all the risks! Ask questions of your
instructor and of your fellow scholars. Many times questions are more important
than answers.
6. Keep copious notes of all that is going on in all the meetings related to your course.
Make a note of what the instructor is stressing. At the end of each lecture you
should be able to answer two questions: What did I learn from this lecture? and What
was not clear to me? At the beginning of each lecture, if the instructor does not ask
for questions, you need to ask if there is something you did not understand from the
last lecture. Review, consolidate, annotate and organize your lecture/lab notes on a
regular basis, at least once a week. The Internet is a tremendous resource and also a
great danger. When you find information on the Internet, you have no idea if it is
correct. View such information with caution. But, use the Internet to explore topics
that interest you. Do not only prepare for the exam in a course – learn as much as
you can on the topics introduced to you by the course material. You are responsible
for the extent of your education! READ MINDFULLY !!!!!
7. In addition to details of the syllabus given in class, the syllabus for the course includes all the chapters of the required textbook/s unless indicated otherwise by the instructor. The student is responsible for all materials/topics covered in class, in handouts, in assignments, in labs, and in outings or field trips. The instructor is NOT responsible for informing absent students exactly what was covered in previous classes, meetings, etc.

PROCEDURES & REGULATIONS
8. The final letter grade for the class will be based on the raw composite numerical score obtained from the weighted average of the tests, quizzes, exams, labs, etc. as indicated by the instructor. The raw composite numerical score may be adjusted (curved) based on the highest score, the statistical profile of the scores and other academic standards or other considerations. Generally the letter grade of A is 90% and over of the adjusted score, a B is between 80% and 89% (inclusive) of the adjusted score, a C is between 70% and 79% (inclusive) of the adjusted score, a D is below 70% of the adjusted score and an F is below 60% of the adjusted score. An incomplete (I) will only be given in very unusual circumstances. The University regulations on incomplete grades state: “An incomplete notation may be given to a student who is passing but has not completed a term paper, examination, or other required work for reasons beyond the student’s control other than the lack of time”.

Students are expected to take ALL tests, quizzes, exams, etc., and to complete and hand in all labs and other assignments. There is no provision for “extra credit”. No final grades will be given via the telephone, e-mail, etc.
9. All University rules, regulations and expected student conduct apply to this course. Students are held responsible for the information given in the current Catalog and Student Handbook. Make yourself aware of the University security regulations.
10. All labs, assignments, etc. must be handed in on the assigned due date. Scholars having problems must notify the instructor well before the due date. Marks will be deducted for poor and sloppily presented work.
11. Labs, etc. handed in after the due date may be subject to a penalty of loss of marks. Labs, etc. handed in after the graded labs, etc. have been returned to students will get zero marks but must be handed in to the instructor. Labs will be returned to students, after they have been graded, at a class meeting. Students who miss this meeting will be able to collect graded work in the marked box outside the instructor’s office.
12. Scholars are asked to take special note of the penalties, which the University attaches to Academic Dishonesty. Consult the Student Handbook.
13. All work handed in to the instructor must be the student's own work. Extracts, excerpts, etc. from the work of others must be suitably noted, acknowledged and properly referenced. Any Group Work will be judged in the same way. That is, it is the work of the group and the extracts, excerpts, etc. of others must be acknowledged.
14. All written and graphical work handed in must be presented neatly printed and bound (staples are adequate). Students’ written work will be judged on written communication skills, critical thinking and problem solving ability.
15. Students are expected to be present at all meetings (lectures, labs, etc.) of the class. Students are expected to be present at the date and time assigned for all tests, exams, quizzes, etc. There are NO provisions for making up missed exams except in cases where prior arrangements have been made and agreed to by the instructor. During the assigned lab session, ONLY assigned labs are to be done. All other work must be done in other rooms.

16. All cellular phones and other similar devices MUST BE TURNED OFF during lectures, labs and other class meetings.

17. All students must keep their university e-mail addresses (firstnamefirstletterlastname@islander.tamucc.edu). This will be the means of communication between the instructor and the class.

18. The instructor reserves the right to make changes to the above with due notice to the students. These changes will be announced in class and each student is responsible for keeping herself/himself informed of such changes.