

**SUR 4430 Surveying and Mapping Practice
3 credits/Spring 2015**

Course title/number, number of credit hours	
Surveying and Mapping Practice (SUR 4430)	3 credit hours
Course prerequisites, corequisites, and where the course fits in the program of study	
This course is an upper division surveying course. Students are expected to read before lecture and contribute to discussion forum posts on a regular basis.	
Course logistics	
Term: Spring 2015 This is an online lecture course Class location and time: online only through Canvas	
Instructor contact information	
Instructor's name	Dr. Charles A. "Tony" Nettleman III
Office Hours	By appointment
Contact telephone number	(404) 539-3050 (cellular)
Email address	Charles.Nettleman@gmail.com
TA contact information	
TA's name	No T/A
Office address	
Office Hours	
Contact telephone number	
Email address	
Course description	
Surveying and Mapping Practice is an upper division course that will acquaint the student with the fundamental legal theories that underlie the land surveying profession. Students will be taught types of land titles, non-possessory rights such as easements and licenses, the priority of calls that weighs field boundary evidence, and the land tenure systems of the United States.	
Course objectives/student learning outcomes/program outcomes	
Course objectives	<ol style="list-style-type: none"> I. Describe the seniority of boundary evidence II. Know the methods and likely locations of land evidence III. Understand how to read and analyze case law IV. Differentiate between easements, licenses, and land title V. Understand the differences between Metes and Bounds and the Public Land Survey System
Student learning outcomes & relationship to Program/ABET a-k outcomes	<ol style="list-style-type: none"> 1. Understand the significance of land boundaries and how they are created 2. Create and interpret property descriptions for deeds 3. Analyze the differences between metes and bounds and GLO/PLSS land systems 4. Know how easements are created, conveyed, and terminated 5. Retrace land surveys 6. Differentiate between sequential and simultaneous land conveyances 7. Know the role of the surveyor and what is ethically permitted during the course of business 8. Apply regulations, case law, and mapping standards in their work 9. Exercise critical thinking in solving questions of proper boundary placement

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	10. Explain the various kinds of property evidence and their order of importance
Course evaluation method	
Projects: 50% (500 points) 2 Exams: 40% (400 points) Skill checks: 10% (100 points)	
Course grading scale	
A: 900-1000 B: 800-899 C: 700-799 D: 600-699 F: <600	
Policy on makeup tests, late work, and incompletes	
<p><i>Makeup tests</i> are given only if there is solid evidence of a medical or otherwise serious emergency that prevented the student of participating in the exam. Makeup exam will be administered and proctored by department personnel unless there are other pre-approved arrangements.</p> <p><i>Late work</i> is not acceptable.</p> <p>Unless there is solid evidence of medical or otherwise serious emergency situation incomplete grades will not be given.</p>	
Special course requirements	
Students must check their official UF email accounts and the official course web page (Canvas) on a daily basis for announcements and other correspondence.	
Etiquette policy	
All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats. http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf	
Additional Help	
<p>Other resources are available at http://www.distance.ufl.edu/getting-help for:</p> <ul style="list-style-type: none"> • Counseling and Wellness resources • Disability resources • Resources for handling student concerns and complaints • Library Help Desk support <p>Should you have any complaints with your experience in this course please visit http://www.distance.ufl.edu/student-complaints to submit a complaint.</p>	
Disability policy statement	
Students requesting accommodation for disabilities must first register with the Dean of Students Office (http://www.dso.ufl.edu/drc/). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.	
Code of Academic Integrity	
UNIVERSITY POLICY ON ACADEMIC MISCONDUCT: Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at http://www.dso.ufl.edu/students.php .	
Required texts/reading	

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Official Course Policies document, available on the official course website.
Brown's Boundary Control and Legal Principles, Robillard (2014)
Supplementary/recommended readings
See the official course web site.

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17. Course topical outline, including tentative dates for exams/quizzes, papers, completion of reading, and other exercises

Lectures	
Date	Topic
Week 1	U.S. Judicial System and Case Law Research (handout)
Week 2	How Boundaries: Concepts and Creation Are Created (CH 1 & 2)
Week 3	Non-sectionalized Boundaries (CH 5)
Week 4	The Public Land Survey System (CH 6)
Week 5	The Public Land Survey System (CH 10)
Week 6	Easements (CH 8)
Week 7	Mid-Term Exam
Week 8	Easements and Intro to Conveyances (CH 8, 11, and 12)
Week 9	Simultaneous and Sequential Conveyances (CH 11 & 12)
Week 10	Understanding Land Descriptions (CH 13)
Week 11	Riparian Boundaries (CH 09)
Week 12	Ethics (CH 15)
Week 13	Role Of The Surveyor (CH 14)
Week 14	Exam Preparation
	Final Exam

Projects	
Date	Topic
Week 2	Project 1 (Westlaw Certification)
Week 6	Project 2 (Public Land Survey System)
Week 10	Project 3 (Conveyances)
Week 12	Project 4 (Riparian Boundaries)