

SUR 222 – Land Development Design Spring 2020

A. COURSE INFORMATION

Course number/section: SUR 222.001
Class meeting time: Online Only
Class location: Online Only
Course Website: NISSET.PopuliWeb.com

B. INSTRUCTOR INFORMATION

Instructor: C.A. “Tony” Nettleman, III
Office location: Online Only
Office hours: TBA
Telephone: TBA
E-mail: TN@landsurveycareer.com
Appointments: TBA or by appointment

Please be aware that e-mails are typically returned within 24 hours and I will be traveling throughout the semester. For immediate assistance, please call my cell phone.

A. COURSE DESCRIPTION

Catalog Course Description

Subdivision Design covers different phases of the land development process. We will study subdivision laws from various states, site evaluation, boundaries, topographic and control surveys, and environmental and cultural considerations. Students design lot and building arrangements, all streets, and drainage channels / basins.

B. PREREQUISITES AND COREQUISITES

Prerequisites
SUR 211

C. REQUIRED TEXTBOOK(S), READINGS AND SUPPLIES

Required Textbook(s)

- Land Development Handbook, 3rd Ed. (2008), Dewberry

Supplies

- None

D. STUDENT LEARNING OUTCOMES AND ASSESSMENT

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

1. Prepare for a long-term career in professional surveying
2. Understand the surveyor's role in land subdivision
3. Understand the regulatory process of land subdivision
4. Analyze geometric and legal/social problems associated with land subdivision
5. Design an awesome land subdivision project

E. INSTRUCTIONAL METHODS AND ACTIVITIES

X

Lectures will be held twice a week, skill checks will be given once a week, and quizzes will be randomly given throughout the semester. Four projects will be assigned with two weeks to complete each project. Finally, a midterm and final exam will be administered.

F. MAJOR COURSE REQUIREMENTS AND GRADING

Student learning outcomes will be assessed through two examinations, quizzes, and a project.

ACTIVITY	% of FINAL GRADE
Exams (2 @ 150)	30
Quizzes (4 @ 50)	20
Labs (points vary)	30
Homework (4 @ 50)	20

G. COURSE CONTENT/SCHEDULE

<u>WEEK</u>	<u>TOPIC</u>	<u>CHAPTERS</u>	<u>ASSIGNMENTS</u>	<u>ASSESSMENTS</u>
1	Introduction, Surveyor's Role, and Client Relations	1		
2	Building Processes and Site Selection	2		
3	Site Selection and Site analysis	3	Lab #1 Homework #1	
4	Site Analysis and Environmental issues	31		Quiz #1
5	Subdivision Statutes & Regulations	6 & 7		
6	Subdivisions in AutoCAD	11	Lab #2 Homework #2	
7	Ethics and Professional Responsibility	N/A		Quiz #2
8	Midterm exam (no lectures or lab)			
9	Financing Your Subdivision			
10	Plats	30	Homework #3	
11	Streets	30	Lab #3	
12	Drainage	21 & 22		Quiz #3
13	Construction Stake-Out	33	Homework #4	
14	Presentations and Final Plats	N/A	Lab #4	
15	Final Exam Preparation	N/A		Quiz #4
16	<u>Final Exam: Check for Time & Date!</u>			

Note: Changes in this course schedule may be necessary and will be announced to the class by the Instructor. The assignments and exams shown are directly related to the Student Learning Outcomes described in Section F.

G. COURSE POLICIES

Attendance/Tardiness

Attendance at all times is compulsory

Late Work

Late work will not be graded.

Participation

Participation in all activities is compulsory.

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Late Work: Late work will not be graded.

Participation: Participation in all activities is compulsory.

H. COLLEGE AND UNIVERSITY POLICIES

Academic Integrity (University)

It is expected that university students will demonstrate a high level of maturity, self-direction, and ability to manage their own affairs. Students are viewed as individuals who possess the qualities of worth, dignity, and the capacity for self-direction in personal behavior. See the full University Policy at catalog.niset.xyz

Deadline for Dropping a Course with a Grade of W

The grade of W will be assigned to any student officially dropping a course. Please consult with the instructor before you decide to drop to be sure it is the best thing to do. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. Should dropping the course be the best course of action, visit the Office of the University Registrar for the Course Drop Form that must be submitted. No student is eligible to receive a W without completing the official drop process by this deadline. Please consult the Academic Calendar (calendar.niset.xyz) for the last day to drop a course

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.

Disability Services

Our services are designed to meet the unique educational needs of enrolled students with documented permanent or temporary disabilities. DS provides intake and consultation services to students seeking to register with our office. DS reviews an individual's documentation of disability and assesses eligibility for services and the determination of reasonable accommodations. For more information visit the Disability Services Office disability.niset.xyz

GENERAL DISCLAIMER

I reserve the right to modify the information, schedule, assignments, deadlines, and course policies in this syllabus if and when necessary. I will announce such changes in a timely manner during regularly scheduled lecture periods.