



Spring 2024 Syllabus

Course:

SURV-1 Introduction to Land Surveying (credit for 3 units)

SURV-301 Introduction to Land Surveying (noncredit for 0 units)

Time/ Location: Thursdays 6:00PM to 7:50PM SOC 36

Instructor:

Jocelyn L. Limas, PLS

Office: Tutorial Center

Office Hours: By appointment

Office hours are an opportunity for you to ask me questions about grades, homework, quizzes and exams. Also, I can assist you in developing the skills covered in class. If you feel you need assistance please make an appointment, and I'd be happy to meet with you.

Phone: (559) 616-0296 – (Text & calls between 8am and 8pm)

Email: Jocelyn.Limas@reedleycollege.edu

Important Dates:

See this website for all important dates:

<https://www.reedleycollege.edu/academics/academic-calendar.html>

First day of Spring 2024 semester: 01/08/2024

Deadline to drop for full refund: 01/19/2024

Deadline to drop the class to avoid a "W" (withdrawal): 01/26/2024

Last Day to drop a full-term class (letter grades assigned after this date): 03/08/2024

No class: 03/25-03/29

Final Exam: Thursday May 16, 6:00PM to 7:50PM

Materials:

1. **Required:** Kavanagh, Barry *Surveying Principles and Applications*. Pearson Prentice Hall.

Description: This course presents the fundamentals of land surveying theory and calculations and includes equipment, horizontal, vertical, and angular measurements, errors, traversing, leveling, and stadia. Also, this course covers the history of and careers in surveying. **ADVISORY:** Mathematics 103. The content of SURV-301, a non-credit course, is identical to that of SURV-1, a credit course.

Repeatability: SURV-1 may not be repeated after successful completion. SURV-301 is repeatable even after successful completion.

Course Objectives: In the process of completing this course, students will:

1. Identify the types of surveys and their applications.
2. Explain the use of basic surveying equipment, tools, and devices.
3. Evaluate basic surveying computations for vertical measurements.
4. Analyze, determine and solve basic geometric relationships within the surveying context.
5. Assess and compute point elevations and adjustments.
6. Explain and identify surveying careers and professional licensing requirements.

Course Outcomes: Upon completion of this course, students will be able to:

1. Analyze basic surveying field data.
2. Perform basic surveying calculations.

Grading: Letter grades are given for SURV-1. Pass/No Pass grades are given for SURV-301. Current grades will be available to students throughout the semester on *Canvas*. Final grades will be calculated as follows:

SURV-301	
Pass (Y)	$\geq 70\%$;
No Pass (NP)	$< 70\%$

SURV-1	
A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	$< 60\%$

Categories	Weight
Homework	50%
Exams/Quizzes	35%
Final Exam	15%

Homework: Class weeks run Monday-Sunday. Homework will be available on Canvas, and may consist of assigned reading, podcasts, and/or online videos, and sometimes message board participation. It is best for students to do the assigned reading and lecture preparation videos before the class lecture so that intelligent discussions can be had, and questions can be answered in class. Each chapter may have assigned problems/questions. Homework is due by the following Wednesday, unless otherwise specified. This should allow for plenty of time to review the work, get assistance in class if needed, and turn in the work on time before the next class.

Exams/Quizzes: The date for exams will be announced in advance. The purpose of exams is to assess learning and teaching. The intent is to have a few quizzes throughout the semester, a mid-term, and a final.

Cheating and Plagiarism: You will receive no credit for an assignment or exam if in the opinion of the instructor you have cheated or plagiarized. Academic Dishonesty is reported to the Dean's office.

Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, in an attempt to gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another's work, supplying one's work to another, giving or receiving copies of examinations without an instructor's permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

Plagiarism is a specific form of cheating: the use of another's words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to, failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or failing to observe computer security systems and software copyrights. Incidents of cheating and plagiarism may result in any of a variety of sanctions and penalties, which may range from a failing grade on the particular examination, paper, project, or assignment in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

Class Participation: Your active participation is key to your success. Some examples of what you will be expected to do include active listening, notetaking, partner and group discussions.

Accommodations for students with disabilities: If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact the instructor as soon as possible.

Schedule (subject to change):

Weeks	Reading	Assignments
1 – 2	Chapters 1 & 3	Reading, Questions

3 - 4	Chapters 14 (2 parts)	Reading, Questions & quiz
5 - 6	Chapters 5 & 9	Reading, Questions
7 - 8	Chapters 2 & 4(part1)	Reading, Questions & Quiz
9 - 10	Chap 4(2) & midterm	Reading, Questions
11 - 13	Chapter 6 (parts 1-2) **Spring Break**	Reading, Questions
14 - 15	Chapters 7-8	Reading, Questions & Quiz
16 -18	Chapter 10-12	Reading, Questions
19	Final Exam	