De Anza College

Winter 2022

Syllabus for ENGR 10: Introduction to Engineering – 4.5 units

This course is an introduction to engineering design through a variety of team projects, including experimentation, data analysis, and the development of computer skills. Students will be exposed to several engineering disciplines through project design and problem solving for the purpose of providing information to assist them in choosing a major.

Course Logistics: Tuesdays and Thursdays from 6:30 pm to 7:45 pm via Zoom. Log into Canvas course site and join the meeting via the Zoom link provided in the calendar.

Office Hours: Tuesdays and Thursdays from 7:45 pm to 8:35 pm, by appointment.

Instructor: Professor Markt

Contact: marktcheri@fhda.edu I check messages on Tues and Thurs

Prerequisites: Advisory: EWRT 211 and READ 211, or ESL 272 and 273; MATH 210 or equivalent.

Course Materials

1) Textbook: N/A

2) Canvas: You will receive an invitation to the email you used to register for classes. This is where lecture notes will be found, assignments will be turned in and links to virtual classes will be held.

3) Zoom: Join Zoom Meeting from Canvas

https://fhda-edu.zoom.us/j/91841776473?pwd=RXVsdzJVamVuQWpYQ01jcmdvaHphZz09

+1 408 638 0968 US (San Jose)
Meeting ID: 918 4177 6473
Passcode: 845007

3) Lab Materials: Circuit Lab Kit https://www.amazon.com/gp/product/B01D8KOZF4/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1

Academic Calendar

- Last day to drop classes without a W: Jan 17th
- Final Exam: Mar 24th 6:15 pm - 8:15 pm
- For a full list of dates go here https://www.deanza.edu/calendar/

Course Grade

The final grades will be based on Labs, Assignments and a Final Project. Each assignment will have points possible listed along with each assignment in Canvas.

40% Lab Assignments: Online research into engineering related roles, majors and industries. Guidance will be provided and responses will be posted to a class discussion board.

40% Assignments: A variety of written assignments and hands-on projects.

20% Final Project: You will develop your own academic and career plan and share an outline presentation with the class. Presentations will take place during the scheduled final exam. Attendance is mandatory for credit.

Grade Scale

Overall grades will be assigned as follows:

93-100%	A	83-86%	B	70-76%	C
90-92%	A-	80-82%	B-	60-69%	D
87-89%	B+	77-79%	C+	0-59%	F

Late Work

You will be using Canvas to turn in your assignments and due dates will be posted online. Late assignments will be accepted up to seven days past the due date, but only for partial credit - a 20% penalty will be applied.

Academic Integrity at De Anza

“As a student at De Anza you join a community of scholars who are committed to excellence in the teaching/learning process. We assume that all students will pursue their studies with integrity and honesty; however, all students should know that incidents of academic dishonesty are taken very seriously. When students are caught cheating or plagiarizing, a process is begun which may result in severe consequences. It is vitally important to your academic success that you know what constitutes academic dishonesty. See also, Academic Honor code for Internet Based Courses.” https://www.deanza.edu/gov/academicsenate/academic_integrity.html

Disability Statement

To obtain disability related accommodations, students must contact Disability Support Services as early as possible in the quarter. Visit the website to learn

more https://www.deanza.edu/dsps/dss/ If you already have an accommodation notification, please contact me privately to discuss your needs.

Student Services

There are many resources available- Check them out! https://www.deanza.edu/services/

Change of Syllabus

The instructor reserves the right to modify the course requirements, assignments, grading procedures, and other related policies as circumstances dictate. Additional course information may be posted in the Announcements section of the course throughout the semester.

Student Learning Outcome(s):

*The student will be able to analyze, graph and develop a formula for a given data set.

*The student will be able to prepare and write technical specifications and documentation, and be able to orally present them.

*The student will work collaboratively on an engineering team.