San José State University
Charles W. Davidson College of Engineering
Department of Mechanical Engineering
ME 281, Advanced Control System Design, Spring 2019

Instructor:

or by appointment

Class Days/Time:

Tu-Th 18:00-19:15

Classroom:

Duncan Hall 243

Required Texts/Readings/Materials

There are no required textbooks for this course. Here are a few recommended textbooks:

- o Ogata, Discrete-Time Control Systems, 2th Edition, Pearson, 1995.
- o Phillips, Nagle, and Chakrabortty, Digital Control System Analysis and Design, 4rd Edition, Pearson, 2015.
- o Franklin, Powel, and Workman, Digital Control of Dynamic Systems, 3rd Edition, Addison-Wesley, 1997.

Required Software

MATLAB and Simulink Student Suite to be purchased from https://www.mathworks.com/store/link/products/student/SV?s_tid=ac_buysuite_sv_bod

Although it is highly recommended to purchase the student license for MATLAB and Simulink, the full package is available on the ME Computer Labs as well.

Course Requirements and Assignments

Classroom Protocol

I expect everyone to make their best effort to attend all class sessions. Please arrive to the classroom before the session begins, so that others are not disturbed by your entry after instruction has begun. Turn your cell phones on 'silent' or 'vibrate' before you enter the classroom. You are encouraged to ask questions and participate actively in the classroom discussions raised during the lecture. However, disrupting the class by engaging in long conversation with your classmates must be avoided. Moreover, using computers and tablets during lecture time is highly discouraged unless for taking note in the tablet mode or working on in-class activities.

University Policies

Per University Policy S16   -