

**ECE311**

**Feedback and Control**

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**TAs:**

**Course TA:**  
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**Course Learning Objectives:**

1) To apply classical control theory principles to the design of control systems.

2) Demonstrate proficiency with software that aids in the design process.


**Grading:**  
Quizzes (3):  75%  
Labs:  25%

**Quizzes:**  
Quiz #1 (20%):  Week 4 (Wednesday)  
Quiz #2 (25%):  Week 7 (Wednesday)  
Quiz #3 (30%):  Week 10 (Wednesday)

No make-up quizzes will be given.

**Content:** This course introduces classical control theory for the feedback design of continuous time SISO systems. The material covered is in Chapters 1 to 7 (omitting Chapter 5) of the text. Not all material in these chapters will be covered and in other cases, additional material added.

**Notes:**

1) A set of notes is available at Clean Copy.

2) Recommended exercise problems will be given which students are expected to do, *as a minimum*. The solutions to all problems, in the form of the solutions’ manual for the text, is available at the ECE311 section of the instructors web site.