

How to Take EE 656
Electronic Transport in Semiconductors
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This course will be taught in a “flipped” format. Students will view lectures online – before class sessions. Class sessions will be used to amplify upon (not repeat) the lectures, to answer questions, to work problems, and to discuss the homework.

There will be a quiz for each online lecture. The first few questions will be multiple choice and will focus on the key points that you should take away from the lecture. The last question will ask you to ask me one or more questions about the lecture. You must **hand in the quizzes** for the lectures assigned each week during the **Friday class**. Answers to quizzes will then be posted.

Working homework problems is essential for understanding a course like this, but homework will not be graded. The homework problems are designed to emphasize the key concepts that you should become familiar with. Complete solutions will be posted on the course web page and discussed in class. Homework will be assigned weekly – except for exam weeks.

Frequent exams will test your understanding of the material, so it will be important to keep up. Exams will be conducted on Thursdays of Weeks 3, 6, 9, 12, 14 and during Finals Week.

How to take this course:

Sun.	Start the assigned reading for the week.
Mon.	View the first lecture assigned for the week. Test understanding by taking quiz, and jotting down a question or two. Begin the HW assigned for the week.
Tues.	View the second lecture assigned for the week. Test understanding by taking quiz, and jotting down a question or two. Continue working on HW.
Wed.	Attend class and participate (ask questions). Complete the assigned reading for the week.
Thurs.	Continue working on the HW. View the third lecture assigned for the week. Test understanding by taking quiz, and jotting down a question or two.
Fri.	Attend class and participate. Hand in the quizzes for the week. Complete HW for the week.
Sat.	Review Quiz and HW solutions.

Experience is showing us that this format is a more effective way of learning than the traditional lecture format, but it will take your active participation, and you can expect some fine-tuning by me to make it work well.