

ENEE 698E - Fall 2007 Course Description

1. Course: ENEE 698E Graduate Seminar Microelectronics
2. Credits: 1 - 3
3. Time: Tu 17:00 – 17:50
4. Place: Room AVW 2328 (ECE Seminar Room) Room phone: [1]-(301)-405-1578
5. Instructor: R. W. Newcomb
Office: AVWII-1347; MSLab: AVWII-1362
Phones: Office: (301) 405-3662
Home: (301) 622-0177 (before 9:30pm)
Office Hours: MW 16:15:-16:45
Email address: newcomb@eng.umd.edu
URL:<http://www.ee.umd.edu/newcomb/mslab.html>
Grader: Ms. Koranan Limpaphayom: koranan@eng.umd.edu
6. Course Description: Paper presentations at meetings held once a week at the scheduled time.
7. Course Operation:

Each student will present a talk on a paper in the literature, possibly on a central theme if the class so decides. For 2 credits two talks on related papers should be given and a short written summary of them submitted. For 3 credits two talks and a term paper on the topic of the papers should be written following IEEE guidelines.

Each student will also be a commentator (for the number of talks given) on other papers.

The talks should be prepared into Powerpoint and a copy of the Powerpoint file given to Koranan by the day prior to the presentation (it will be put then on the web for availability during the talk and then deleted after the talk).

For those interested, VLSI layout is possible with fabrication via MOSIS (actual fabrication will require a commitment to make measurements on the chip, for which the Microelectronics Design Laboratory annex, Rm AVW 1364, can be made available).

8. Course web page (see for updates on presentations):
http://www.ece.umd.edu/newcomb/courses/fall2007/698e/ENEE698e_fall2007.html