Catalog Data:

Lectures:
T Th 9:35 am - 10:50 am Room: SC 5326

Instructor:
Prof. W. P. Kang Office: SC 5621 Hours: T Th 1:00 pm - 2:00 pm
Email: wkang@vuse.vanderbilt.edu

TAs:
Ms. Xue Yang Room: EECE 235 Lab Hours: Mon 9:00 am - 1:00 pm
Email: xue.yang@Vanderbilt.Edu

Ms. Shameema Mallik Room: EECE 235 Lab Hours: Mon 5:30 pm - 7:30 pm
Email: Shameema.mallik@hotmail.com

Ms. Puteri Hamari Room: EECE 235 Lab Hours: N/A
Email: puteri.s.m.hamari@Vanderbilt.Edu

Lab Sec (2:30pm - 5:30 pm) / TAs:
01/ Hamari 02/ Mallik 04/ Mallik

Prerequisites:
EECE 112 and EECE 213

Text (req):
Microelectronic Circuits (5th edition) by Sedra and Smith

Reference (optional):
Pspice and Circuit Analysis (4th edition) by J. Keown
(-- OR --)
SPICE, A Guide to Circuit Simulation and Analysis Using PSpICE by P.W. Tuinenga
(-- OR --)
Schematic Capture/ Microsim PSpICE by M. E. Herniter

Home page:
http://eecs.vanderbilt.edu/courses/eece235/index.htm

Calculator:
You will need a good scientific calculator. Programmability is a plus, but not required. Examples include HP and other brands.
Homework:
Usually every week, due on Tuesday 9:35am (beginning of class).
Early homework submissions will be gladly accepted.
Late homework will NOT be accepted for any reason whatsoever, none, nada, zero…

Tests:
3 during the semester + 1 final exam

EECE 235L:
One three-hour laboratory per week. Co-requisite: EECE 235.
Even though the laboratories are an integral and important part of this course, the lab grade is earned separately from the course. The labs should be taken very seriously, with prelab work completed before the lab session, professional reports turned in after the lab session. Your laboratory home page, http://eecs.vanderbilt.edu/courses/ee235, contains introductory section describing what is required of you regarding the lab exercises. Read it very carefully. Lab sessions begin Monday, August 31.

Tentative Grading:
Homework = 16%
Tests = 3 x 18 = 54%
Final Exam = 30%

Help Sessions:
Office hours are listed on the front of this sheet.

Honor Code:
The Vanderbilt Honor Code will be followed in its strictest form for this course concerning tests and the final exam. The Honor Code will also strictly apply to the labs and homeworks in the following way: you are allowed to confer about solution methodologies on homeworks and the labs. That is, you may approach each other (or outside aid) with questions about homework problem statements (e.g. what the problem is asking for), you may discuss ideas about solution methods, you may seek someone's aid if you get stuck and don't know what to do next. However, you MAY NOT COPY someone else's solutions to any problem, in part or in whole. Don't play dumb about this... responsible and mature minds (which I know is the case in this class) can clearly distinguish the difference between exchanging ideas (teamwork) and using someone else's work (theft). Work that even appears copied will not be accepted. If a violation presents a solid case, it will be turned over to the Honor Council. Any perceived ambiguity about these statements is YOUR responsibility to resolve by speaking with Prof. Kang (no one else). Ignorance of an important topic is never acceptable in the real world, and it will not be accepted here.

Disability Statement:
Vanderbilt University is committed to equal opportunity for students with disabilities. If you have a physical or learning disability, you should ask the Opportunity Development Center to assist you in identifying yourself to instructor as having a disability so that appropriate accommodations will be provided.

Emergency Evacuation Plans and Responsibilities:
In the event of a fire or other emergency, the students in this class must follow the VUSE Emergency Evacuation Protocol concisely stated below.

Responsibilities:
All personnel within the fire alarm area are to evacuate the building via the nearest fire exit as rapidly as possible to a safe area outside and a minimum of 50 feet from the building. The evacuation is to be orderly, timely, and continuous. Pausing on stairwells, landings, lobbies, or short distances from the building is forbidden.
A. Lecturers – All faculty members will cease lecture and announce the need for an orderly evacuation from the building via the nearest fire exit. Additionally, the faculty member will lend assistance to any students with disabilities and lead all students in evacuating the lecture area.

B. Students – It is the responsibility of students to evacuate the building in an orderly fashion and remain in their respective groups by class in the designated meeting area outside the building. They are to remain in the area until either the VUPD or the Fire Department announces that it is safe to return to the building.

Emergency Evacuation Paths & Assembly Points:
Stevenson 5306, 5312 & 5326
Exit via the main entrance or the emergency exit at the rear of the classroom to the Magnolia Courtyard and collect at the kiosk

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**Syllabus of Topics**

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