ECE202 Circuits II
Fall 2016
S.K. Islam, 504 Min Kao Building, 974-8531, sislam@utk.edu
Office Hours: TTh 10:00-11:00 am, 1:00-2:00 pm

Teaching Assistant: Samira Shamsir: sshamsir@vols.utk.edu

Textbook and Other Supplemental Material:
Laboratory Manual
SPICE Notes

Grading:
Midterm Exams 40%
Final 25%
Homework 10%
Quizzes 5%
Laboratory 20%
Total 100%

Grading Scale:
A (>90%), A- (88 to 89%), B+ (85 to 87%), B (80 to 84%), B- (78 to 79%), C+ (75 to 77%), C (70 to 74%), C- (68 to 69%), D+ (65 to 67%), D (60 to 64%), D- (58-59%), F (<59%)

Classes will meet in MK 404 from 11:10 am-12:25 pm TTh.

Specific Course Information

b. Prerequisites and/or Co-requisites: ECE201

Topics Covered
Operational amplifiers, Sinusoidal Frequency, amplitude and Phase and Phase Lead or Lag, Phasor analysis, Power Concepts: Instantaneous, average Real, apparent, Complex and Reactive, Magnetic Coupling, Mutual inductance, Linear and ideal transformers, Resonance: general case, special cases in series and parallel circuits, Scaling: magnitude and frequency, Laplace Transform, Two-port network, Fourier series.

Academic Dishonesty: Will NOT be tolerated and NO WARNINGS will be given. It is the responsibility of the student to review UT policy and procedures in this area since they will be strictly adhered to. Cheating will result in an F in the course, and possible university sanctions.

Cell phones, texting, should be turned off during class, (b) all HW will be stapled and neatly done; grader or instructor reserves the right to not grade unacceptable HW, (c) students will
come to class on time and will not leave early, unless prior arrangements have been made, (d) quizzes without names will not be accepted, (d) using a laptop or other portable electronic devices for reasons other than class use will not be tolerated. Students having to miss a class when HW is due can hand in the HW early.

Because at least 1 of the lowest quiz grades will be dropped, there will be no make-up quizzes for any reason. Therefore, students should attend every class, so that in the event of an emergency, or something else unexpected, and have to miss a class when a quiz was given, it will not adversely affect their grade.