

The University of Texas at Tyler
Department of Electrical Engineering

EENG 3301
Electrical Engineering Circuits, Systems, and Applications
Course Outline

Course Coordinator

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Time: 12:30 pm - 1:55 pm, MW

Place: HEC A218 / RBN 2007 / Zoom

Text: Allan R. Hambley, *Electrical Engineering: Principles & Applications*, 7th Ed. Pearson, 2018.
ISBN-13 978-0134484143. Also usable is the 6th Edition, published 2014 (ISBN-13 978-0133116649)

Schedule:

Week	Start Date	Topic	6 th Ed	7 th Ed
1	January 9	Fundamentals of Electric Circuits	1	1
2	January 16	Network Analysis	2	2
3	January 23	Network Analysis / Quiz 1	2	2
4	January 30	Inductance and Capacitance	3	3
5	February 6	Transients	4	4
6	February 13	Steady-State Sinusoidal Analysis	5	5
7	February 20	Steady-State Sinusoidal Analysis	5	5
8	February 27	Midterm Exam		
9	March 6	Operational Amplifiers	14	13
10	March 20	DC Machines	16	15
11	March 27	AC Machines	17	16
12	April 3	Quiz 2		
13	April 10	Fundamentals of Electric Power Systems		
14	April 17	Review		
15	April 24	Final Exam (TBD)		

Assessment:

Quizzes	20%
Mid-Term Exam	30%
Homework	10%
Class Participation	5%
Final Exam	35%

Grading Scale:

Grades will be assigned based on the total score as per the distribution below:

A:	90% – 100%
B:	80% – 89%
C:	70% – 79%
D:	60% – 69%
F:	< 60%

Any deviation from the above policy such as scaling or curving to calculate the individual item or final scores will be at the sole discretion of the instructor and performed by the instructor uniformly for all students in the class section.

Attendance and Make-up Policy:

The progressive nature of the class means that perfect attendance is recommended if a good grade is desired. Makeup quizzes, exams or projects will only be provided for valid absences and at the sole discretion of the instructor.

Course communication:

Course communication will take place by e-mail and by announcements on UT-Tyler's Learning Management System (LMS). University policy requires that official e-mail communication be sent only to Patriot e-mail accounts.

Academic misconduct:

Academic misconduct that comes to light will be dealt through the formal discipline process. Examples of academic misconduct include (but are not limited to) submitting the work of others as one's own, copying from others during quizzes, and doing work intended to be submitted by another person.

General Policies of the University of Texas at Tyler

Grade Replacement/Forgiveness and Census Date Policies: Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.

The Census Date is the deadline for many forms and enrollment actions that students need to be aware of. These include:

- Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a "W" grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

State-Mandated Course Drop Policy: Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).

Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

Disability Services: In accordance with federal law, a student requesting accommodation must provide documentation of his/her disability to the Disability Services counselor. If you have a disability, including a learning

disability, for which you request an accommodation, please contact the Disability Services office in UC 3150, or call (903) 566-7079.