

ELEN 459 Fall 2000

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Prerequisites: Junior/Senior Status and approval of the instructor
Course Home Page: <http://ee.tamu.edu/courses/ee459/>
Text Book: Power System Analysis, by Arthur R. Bergen, Vijay Vittal
Prentice Hall, Inc., 2000, Second Edition.

Grading	3 Exams ¹	Homeworks/Projects ²	Final
%	60	20	20

Course Outline

Week of	Chapter	Topics	Exams
Aug. 28	2	Introduction, Transmission Line Parameters	
Sept. 4	2	Three Phase Circuits	
Sept. 11	4	Transmission Line Models	
Sept. 18	5	Transformers	
Sept. 28	5	Per Unit System	Exam #1
Oct. 2	12	Unbalanced System Operation	
Oct. 9	12	Symmetrical Components	
Oct. 16	12	Fault Analysis Using Symmetrical Components	
Oct. 23	12	Sequence Networks and Fault Calculations	
Oct. 30	12	Sequence Networks and Fault Calculations	Exam #2
Nov. 6	13	System Protection	
Nov. 13	13	Protective Relaying Principles	
Nov. 20	13	Protective Relaying Principles	
Nov. 27	13	Protective Relaying Principles	Exam #3
Dec. 4	12,13	Computer Exercises Due	
Dec. 12			Final

¹ There will be **no make-up exams**.

² **Late** homeworks/projects will **not** be accepted.