

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
Department of Electrical Engineering

EE-465 Power Transmission & Distribution
Course syllabus 122

Dr. Ibrahim Omar Habiballah

OFFICE	PHONE	OFFICE HOURS	E-MAIL
59-2080	4985	UT 11:20 - 11:50 am M 11:20-11:50 am & 12:20-1:00pm	ibrahimh@kfupm.edu.sa

Course Timing: UT 8:30-9:45am

Course Location: 59-2024

Textbook: Power System Analysis Analysis and Design: by J. D. Glover, M. S. Sarma and T. J. Overbye. 4th Edition, 2008.

Chapters	Week #	Topics	Home Works
2.3, 2.5, 2.6, 3.3	1	Fundamental concepts	T.B.A.
4	2-4	Transmission line parameters	T.B.A.
5	5-6	Steady State Operation	T.B.A.
12	7-8	Transient Over-voltages	T.B.A.
Notes	9	Electrical Insulators	T.B.A.
10.1-10.11	10-11	Protection	T.B.A.
Notes	12	Underground Cables	T.B.A.
Notes	13	Distribution in Power Systems	T.B.A.
Notes	14	HVDC	T.B.A.
	15	Project Presentations	

Grading:

Home Work, Quizzes, and Attendance	:	20 (7, 10, 3)
Major-Exam I 2 nd March (7:00-9:00 pm)	:	20
Major-Exam II 13 th April (7:45-9:15 pm)	:	20
Project	:	10
Final Exam 22 nd May (8:00-11:00am)	:	30

Each student should work all home work problems and the extra assignments assigned by the instructor on an individual basis; some of these problems may be taken at random for grading.

Project:

The details of the project will be elaborated by the instructor.