

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
Department of Electrical Engineering

EE-465 Power Transmission & Distribution
Course syllabus 162

Dr. Ibrahim Omar Habiballah

OFFICE	PHONE	OFFICE HOURS	E-MAIL
59-2080	4985	MW 12:20-12:40 pm; T 11:00-11:50am	ibrahimh@kfupm.edu.sa

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

Course Location: 59-2024

Textbook: Power System Analysis & Design: by J. D. Glover, M. S. Sarma and T. J. Overbye. 5th Edition, 2008.

Chapters	Week #	Topics	Home Works
2 & 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.
13	7-8	Transient Operation	T.B.A.
Notes	9	Electrical Insulators	T.B.A.
10	10-11	Protection	T.B.A.
Notes	12	Power Cables	T.B.A.
14	13	Power Distribution	T.B.A.
Notes	14	HVDC	T.B.A.
	15	Project Presentations	

Grading:

Homework's, Quizzes, and Attendance	:	20 (8, 10, 2)
Midterm-Exam 23 rd April (6:30-8:00 pm)	:	25
Project Due 17 th May	:	25
Final Exam 4 th June (12:30-3:30pm)	:	30

Each student should work all homework problems and the extra assignments assigned by the instructor on an individual basis.

Project:

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