

ENGR 1100 –Introduction to Engineering Spring 2018

Date	Topic	Information	Reading
Jan 9, 11	The Engineering Profession, Engineering functions, Engineering disciplines, History and Future of Engineering, Team assignments	Assignment 1 due Jan 11	Handout#1
Jan 15	HOLIDAY (MLK DAY)		
Jan 16, 18	Dimensions and units, Unit Conversions, Using Engineering equations, Computer applications, Problem solving approach and format	Exam 1 Jan 16 Assignment 2 due Jan 23	Handout#2
Jan 23, 25	Engr. pres. (reading), Report writing (reading), Algebra in Engineering: proportions, formula manipulation,	Project 1 assigned Jan 23, due Feb 6 presentations only	Handout#3
Jan 30, Feb 1	Graphical applications, curve fit, slope, data trends		Handout#4
Feb 6, 8	Presentations Project 1	Project 2 assigned Feb 8 due March 8 (report only)	
Feb 13, 15	Problems in Engineering, Case Studies	Exam 2 Feb 13 Assignment 3 due Feb 20	Handout#5
Feb 20, 22	Computer Applications in Engineering MATLAB/EXCEL		Handout #6
Feb 27, Mar 1	ME Project		
Mar 6, 8	ME Project	Project 2 report due	
Mar 12-16	HOLIDAY (SPRING BREAK)		
Mar 20, 22	Electrical Engineering Fundamentals: Voltage, Current, Resistance, Ohms Law	Project 3 assigned Mar 20 due April 17 (report) Assignment 4 due Mar 22	Handout#7
Mar 27, 29	EE project		Handout#9
April 3, 5	EE project	Exam 3 April 5	
April 10, 12	Systems Engineering: sensors, actuators, data acquisition		Handout#10
April 17, 19	Systems project		
April 24, 26	Systems project	Project 3 report due	
May 3@0800	FINAL EXAM		