

ENGT 18100 Engineering Technology Applications

ELECTRICAL/MECHANICAL/MANUFACTURING SCHEDULE OF TOPICS

Week	LAB	TOPICS
1 and 2	1	
Electrical / Computer		Course goals, polices and grading Safety, Lab Rules and Policies, Emergency Procedures, Resistance
Mechanical / Manufacturing		Course goals, Policies and grading Safety, Lab Rules and policies, Emergency Procedures
3 and 4	2	
Electrical / Computer		DC Voltage, Series Circuits, Ohms Law
Mechanical / Manufacturing		Design Process and Design Considerations
5 and 6	3	
Electrical / Computer		Parallel Circuits
Mechanical / Manufacturing		CAM and CNC
7 and 8	4	
Electrical / Computer		Series-Parallel Circuits
Mechanical / Manufacturing		CAM and CNC
10 and 11	5	
Electrical / Computer		Soldering Project, Wire Preparation, Push-button
Mechanical / Manufacturing		Robot Application
	5	
12 - 15	6- 9	
Electrical / Mechanical / Manufacturing		Integrated Project
16	10	
Electrical / Mechanical / Manufacturing		Integrated Project Presentation