Class Schedule and Outline of Subjects

MECH-14   Fall Semester '19

Sierra College	MECH-14
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DATE	SUBJECT	*Drawing #*	Project	NOTES
27 Aug	The usual first night boatload of paper and forms. Introduction to the class. Schematic programs and drawing.		Voltmeter Calibrator	
3 Sep	Using the schematic program to lay out a PC board.	6622-5801.ckt, net, pcb		
10 Sep	Using the schematic program to lay out a PC board.			**NOTEBOOK CHECK**
17 Sep	Elementary electrical instruments, Using the oscilloscope, Simple calculators.			
24 Sep	Elementary mechanical tools. Laying out the project chassis schematic	6622-2901.ckt, net, pcb	Project PC Board	
1 Oct	Computer mechanical drafting tools. Drawing elementary mechanical parts.		Voltmeter Calibrator	
8 Oct	Fabricating elementary mechanical parts.		Voltmeter Calibrator	
15 Oct	The mechanical drawings for the project chassis. Paper dolls.			**NOTEBOOK CHECK**
22 Oct	Fabricating the project chassis			
29 Oct	Fabricating the project chassis			
5 Nov	Soldering practice Assembling the pc board			
12 Nov	Assembling the pc board			
19 Nov	Final Assembly & Troubleshooting			**NOTEBOOK CHECK**
26 Nov	Final Assembly & Troubleshooting			
3 Dec	Parts List & Approved Vendor List			
10 Dec	Finals Week. There is no "final" in this class. Assembling the "Simon" Game (Surface Mount Parts) *IF the entire class is completed with the project by this time, I reserve the right to have a pizza party during finals week..*			**NOTEBOOK CHECK**
Have a great vacation!!				