

Class Schedule and Outline of Subjects

MECH-14 Fall Semester '18

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