

**140R 2nd Semester**

**Course Objectives**

* Students will understand and demonstrate the safety associated with machine, power tool, and hand tool usage.
	+ Demonstrate proper safety and usage of machines, power tools, and hand tools.
	+ Pass with 100% a safety exam.
* Students will demonstrate understanding of project planning.
	+ Interpret a multi-view drawing of core project.
	+ Interpret detail drawings that are necessary to construct core project.
	+ Fill out a cut list/estimate sheet of core project.
	+ Fill out a plan-of-procedure for certain parts of project.
	+ Develop a “Gantt Chart” for project scheduling.
* Students will demonstrate mastery of joinery.
	+ Incorporate the following joints into the core project: Miter, Splined Miter, Compound Miter, and Mortise & Tenon.
* Students will demonstrate mastery of basic operations.
	+ Incorporate the following operations into the core project: Moulding, Glass Leading, Lathe Turning, Coping, Scribing, and Upholstery.