

**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.