

ME355 STIRLING FAN PROJECT

Process Planning

Each student in the class has been assigned to a small team (nominally with 2 members), and each team has been/will be assigned to manufacture individual parts that will ultimately be assembled to produce an air fan powered by an engine based on the Stirling cycle. Your team is required to complete these parts by the end of the quarter (hopefully, by the end of week 9). If necessary, these parts may be machined outside of regularly-scheduled lab times, *AFTER all members of an individual team have become qualified to operate the particular piece(s) of equipment involved.*

Your team must complete a process plan for each component to be produced. Either Russ or Dave must approve process plans before work may begin on any component. In essence, the process plan is simply step-by-step description of the manufacturing processes required to complete the part.

Process Plan

Section _____ Team _____ Name _____

Part # _____ Part Name _____

Time Table

Start Date _____

1. _____ hr _____ min

2. _____ hr _____ min

3. _____ hr _____ min

4. _____ hr _____ min

5. _____ hr _____ min

6. _____ hr _____ min

7. _____ hr _____ min

Finish Date _____

Plan Approved by _____ Date _____ / _____ Grade _____