ME355 LAB MILESTONES

THE FOLLOWING MILESTONES MUST BE MET BY EACH GROUP BY THE END OF THE CLASS PERIOD ON THEIR CORRESPONDING DATES. FAILURE TO MEET THE MILESTONES WILL RESULT IN A REDUCTION OF YOUR GRADE.

WEEK 3: (PROCESS PLANS)
All of your working process plans must be completed and signed by a shop supervisor. This means a separate process plan for each individual part.

WEEK 4: (YOUR FIRST PART, PROGRESS REPORTS)
Your first part must be started, and a progress report must be turned into the office describing what your accomplishments were in lab, and any challenges you may have had. **As you make your parts, put them in your group drawer in the lab. Do not take them home with you.**

WEEK 5: (FIRST PART FINISHED, SECOND PART BEGUN, PROGRESS REPORTS)
Your first part must be finished, and you should have begun work on your second part. A progress report must be turned into the office describing what your accomplishments were in lab, and any challenges you may have had.

WEEK 6: (SECOND PART FINISHED, THIRD PART BEGUN, CHECK PART FITMENT, PROGRESS REPORTS)
Your second part must be finished, and you should have begun work on your third part. If your finished parts mate to another groups finished part, now is a good time to check fitment with them. A progress report must be turned into the office describing what your accomplishments were in lab, and any challenges you may have had.

WEEK 7: (ALL PARTS FINISHED, CHECK FITMENTS, BEGIN ASSEMBLY AND TESTING)
All of your parts must be finished, and by this point, the class should be able to start assembling and testing the engine. If there are any fitment/performance issues, now is the time to fix/re-make any parts that require it. A progress report must be turned into the office describing what your accomplishments were in lab, and any challenges you may have had.

WEEK 8: (ALL PARTS FINISHED, CONTINUE ENGINE TESTING, BEGIN FINAL PROCESS PLAN PACKETS)
The engine should be fully assembled and tested by this point. The engine must be able to run under it's own power indefinitely from the heat of one alcohol lamp flame. Final process plan packets should be started by this point (refer to the example plans posted in the lab for reference). A progress report must be turned into the office describing what your accomplishments were in lab, and any challenges you may have had.

WEEK 9: (COMPLETED RUNNING ENGINES DUE, ENGINE PRESENTATIONS, FINAL PROCESS PLAN PACKETS DUE)

We will all meet at a time announced by the Professor in the shop to present the completed fans to the class as a whole. Completed process plan packets must be turned in to the shop manager before your presentation.