

Senior Design Project I

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Project Advisor/Sponsor Name Dr. Gopal Nadkarni

Honors Project []

Project Title MULTIPLE RUNOUT TOOL

Attach Project Proposal [] Confirm Registration in COD []

Design Criteria DEVELOP AUTOMATED MEASURING SYSTEM FOR ELECTRICAL MOTORS

Attach Project Schedule []

**This form is to be completed, approved and copies given to advisor and ME Office by assigned date (10 pts)
**Interim Report (Design Status) and all required parts ordered by week 14 of the semester (report 80 points; order confirmation 10 pts). Note: also update office copy.

Senior Design Project II

Confirm completion of COD []

Report update of Design Status by assigned date (15 pts)

Final Technical Report and project due end of week 13 of semester (85 pts)

All interim (suggested bi-weekly) meetings to be scheduled with advisor.

This timeline is subject to change as the project progresses, it provides an initial timetable for the work to be undertaken.

- September 24th
 - Project proposal and honors project proposal will be completed, signed, and submitted.
- September 31st
 - Tool requirements will be fully defined.
- October 7th
 - Conceptual designs will be finalized.
- October 21st
 - Initial computer models of the parts will be generated.
 - Preliminary design review will be held.
- November 5th
 - First draft of engineering drawings will be completed.
- November 12th
 - Design will be finalized.
 - Tool will undergo critical design review.
- November 17th
 - Parts will be quoted.
 - Parts will begin manufacture.
- December 2nd
 - Parts will begin assembly.
- December 9th
 - Prototype assembly will be completed.
 - Testing will begin.
- December 16th
 - Tool refinements will be made.
 - Detailed operating procedure will be written.
- December 23rd
 - Rough draft of Project Report will be created
- December 30th

Refined draft will be completed.

Report will be distributed to readers.

January 6th

Final report will be distributed to readers.

Final report will be submitted to sponsor and faculty advisor.