

ENGINEERING 990A: Project Course (Part A)

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Communication For email correspondence, use mjamil@mun.ca, with the course number in the subject line.

CALENDAR ENTRY:

The objective of the energy systems engineering project course is the application of theoretically or academically acquired knowledge in energy systems engineering to practical problems. Students will conduct energy systems engineering projects that require considerable technical knowledge to accomplish.

CREDIT VALUE: 3 credits

COURSE DESCRIPTION:

This course is based on completing a major project. In ENGI 990A, students will work in teams of two to three students and complete a project. In the following term, students will complete ENGI 990B whereby different tasks/sections of the project will be continued individually. In the final report of ENGI 990A, students are required to state the method for continuing the project individually. It is expected that students continue to collaborate in ENGI 990B, however, all grades will be individually assigned.

SCHEDULE: Weekly meeting with supervisor

ASSESSMENT:		Approximate Due Dates
Project proposal	5%	May 20, 2022
Progress report	15%	June 17, 2022
Project presentation	20%	July 29, 2022
Final report	60%	Aug 01, 2022

GENERAL REQUIREMENTS:

1. Only an electronic version is required for all reports.
2. It is the student's responsibility to request to schedule and keep regular weekly meetings with supervisor(s), meetings should typically be 30 to 50 minutes.
3. All reports and presentations must be reviewed by supervisor(s) prior to submission.
4. One 5-page (maximum) progress report is required. A progress report typically includes a literature survey, methodology, design details, project plan and milestones, questions, problems, and future work. Only new information should be included in the progress report. Please use 11-point font, 1.5 line spacing, and 0.75-inch margins.
5. Project presentations (20 minutes per group) will be scheduled at the end of the semester.
6. Final Report (no page limit, typically 30-40 pages, include a complete literature review, detailed design, testing and verification, major achievements and experiences, questions and answers, future work). Please also use 11-point font, 1.5 line spacing, and 0.75-inch margin on each side for the formatting.
7. The publication is not requirement of the project course; however, all students are encouraged to do the publication in consultation with individual supervisors.
8. The Final report and presentation will be graded using peer-review process average and rubrics.