IE Courses and Options

Fourth Year (IE)

Fall

Core

- MIE463 Integrated System Design
- MIE490Y Capstone

Tech Elective (2)

- APS502 Financial Engineering*
- MIE344 Ergo Design of Info Systems
- MIE354 Business Process Engineering
- MIE365 OR III: Advanced OR
- MIE440F Design of Innovative Products
- MIE451 Decision Support Systems
- MIE498F/Y Research Thesis
- MIE523 Eng Psych & Human Performance
- MIE562 Scheduling
- MIE566 Dec Analysis

Elective (1)

Mechanical & Industrial Engineering
UNIVERSITY OF TORONTO

Winter

Core

- MIE459 Organization Design
- MIE490Y Capstone

Tech Elective (2)

- MIE345 Case Studies in Ergonomics
- MIE367 Cases in OR
- MIE457 Knowledge Modelling & Mngmt
- MIE465 Analytics in Actions
- MIE469 Reliability & Maintainability Eng
- MIE498S/Y Research Thesis
- MIE519 Advanced Manufacturing Techs
- MIE542 Human Factor Integration
- MIE561: Healthcare Systems
- MIE 567 Dynamic & Distributed Decision Making

CS Elective (1)

COS Deadline: Feb. 12 – March 2

MIE498H/Y - Research Thesis

An opportunity to conduct independent research under the supervision of a faculty member in MIE. The proposal must:

1. Explain how the research project builds upon aspect(s) of engineering science introduced in academic program.

2. Provide an estimate of a level of effort not less than 130 productive hours of work per term.

3. Specify a deliverable in each term to be submitted by the last day of lectures.

4. Be signed by the supervisor.

5. Be received by the Undergraduate Office one week prior to the last add day.

Mechanical & Industrial Engineering
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Minors

Advanced Manufacturing

Bioengineering

Environmental Engineering

Sustainable Energy

Engineering Business

Robotics and Mechatronics

Biomedical Engineering

Nanoengineering

More information:

http://undergrad.engineering.utoronto.ca/academics-registration/minors-certificates/

Mechanical & Industrial Engineering
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Additional Resources for COS

COS Handbook

Enrollment & Registration Checklist

Academic Calendar

MIE Undergraduate Office (MC109)

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