EXPANDED COURSE DESCRIPTION
MECHANICAL ENGINEERING
Lassonde School of Engineering
Mechanical Engineering
LE / MECH 2112 3.0 SECTION A
MECH. ENG.: PROFESSIONALISM & SOCIETY
FALL 2017 / WINTER 2018

Last Modified Date: 09/05/2017

COURSE CALENDAR DESCRIPTION

This course covers Mechanical Engineering as a profession. The course comprises three elements: Learning about the role of engineers in society through attending lectures and out of the classroom activities by identification of an appropriate opportunity to participate in a project (e.g. an extracurricular activity, or volunteering opportunity approved by the instructor). The course also focuses on various career paths and opportunities, e.g. options in government, private industry, not-for-profit sector, graduate education, entrepreneurial opportunities and technology protection. Finally, this course discusses the professional matters such as job seeking strategies, professional conduct in the field or place of employment, life-long learning strategies, and a brief discussions of professional engineer's governance, licensing, registration, and ethical obligations. Guest lecturers from industry and other appropriate bodies will be used to provide a firsthand knowledge from practicing engineers and other professionals. Credit course exclusion: LE/MECH 2100 1.00, LE/MECH 2102 2.00. Prerequisite: LE/ENG 1102 4.0

INSTRUCTOR(S)

<table>
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<tr>
<th>Name</th>
<th>Section / Format / Term</th>
<th>Contact Email</th>
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<tbody>
<tr>
<td>Harris, Jeffrey</td>
<td>Sec. A / LECT / F</td>
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ADDITIONAL INFORMATION

COURSE LEARNING OBJECTIVES

Upon the successful completion of this course, students should be able to:

- Describe the impact and motivation of engineers on human development (society)
- Introduce the role of licensing, the mechanisms to achieve professional designation and the societal responsibilities in becoming a professional engineer
- Comprehends principles of seeking professional opportunities and communicating one’s relevant qualifications.
- Identify career options of mechanical engineers in government, private industry, and not-for-profit sectors.
- Identify opportunities to learn and contribute in various activities across the campus and beyond the boundaries of the university

ACADEMIC INTEGRITY LINKS

- Senate Policy on Academic Honesty - http://secretariat-policies.info.yorku.ca/policies/academic-honesty-senate-policy-on/
- Academic Integrity - http://lassonde.yorku.ca/academic-integrity

STUDENT LINKS

- Student Rights and Responsibilities - http://oscr.students.uit.yorku.ca/student-conduct
- Religious Observance - https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs
• Academic Accommodation for Students with Disabilities -
  http://secretariat-policies.info.yorku.ca/policies/academic-accommodation-for-students-with-disabilities-policy/
• Counselling and Disability Services - http://cds.info.yorku.ca/

Many courses utilize Moodle, York University’s course website system. If your course is using Moodle, click here to access it.

Moodle @ York University