

CONCORDIA UNIVERSITY
FACULTY OF ENCS, DEPARTMENT OF MIE

Engr 7011 – Graduate Seminar – Mech/Ind Engg – Winter 2017-18 Course Outline

Instructor Section TT:	Dr. S. Narayanswamy, Office: EV4-189
Time & Classroom:	-- W --, 17:45 - 20:15, Classroom: MB-2.430
Office Hours:	M - - - , 10:00 – 12:00 or by appointment
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PLAN AND OBJECTIVES:

Each student/team will carry out a study of a research level topic selected in consultation with the instructor. The study could be a design of a component or system, simulation of a system, or review of recent literature on a specific topic. A student/team who has carried out a substantial course project recently may use the materials for this seminar. The Mechanical Engineering seminar course will have three components. Each student/team will present their work in the form of a formal extended abstract and orally present it in a formal manner, in addition to attending two seminars within the department. The objective is to provide the students with a forum for written and oral communication of their technical work to an audience of similar capabilities. Students are expected to participate in the seminars both as presenter and audience.

REQUIREMENTS:

Report Format:	Extended Abstract
Length:	2 pages; may contain one or two diagrams if relevant and appropriate. Include list of references, <i>using Concordia Guidelines</i> , in the 3 rd page.
Quality:	Must be typed and presented in a neat and organized manner as done for review purpose.
Include:	Title, Author, Abstract should include: Scope or justification; How the objective is realized; Major findings; Limitations; Possible direction of future work. It must also include a list of references used.
Presentation Format:	Prepared and Delivered using Power Point
Length:	15 minutes per team of 3 students
Questions:	3 minutes
Include:	List of references, <i>using Concordia Guidelines</i> , in the last slide
Attending Seminar	Attend 2 seminars and get the signature sheet signed

GRADING:

Pass/Fail

Students must satisfactorily complete all parts of the course satisfactorily in order to get a pass grade.

Note: The schedule established for the presentations must be followed strictly, and the extended abstract will be due on the day of the presentation.

Zero tolerance towards any form of Plagiarism or academic misconduct

ADDENDUM TO THE COURSE OUTLINE:

Every student is required to prepare and deliver a seminar presentation in this course, in order to demonstrate the ability to communicate advance engineering topic to other engineers of same aptitude.

The basic procedure that will be followed in this course is as follows:

1. Choose your presentation topic and the members of your team. The team should have 3 or 4 participants. The topic can be a research level topic that you have worked on and can take it one level further to make a formal report in the form of an extended abstract and presentable material in a seminar. The work must have reference to at least two journal papers.
2. Search for scientific journal papers on a topic. Collect at least three more relevant papers to thoroughly understand the topic. Prepare a report in the form of a literature review and sufficient material for a seminar presentation.
3. One person from a team should send an email to me with the title of your presentation, the team members (name and ID) and a brief abstract describing your topic. This must be done before **February 1st, 2018**. If a topic is selected by more than one team, it will be given to whoever selects it first.
4. We will meet during the **5th week (on February 7th, 2018)** to discuss the different topics. Each team will come with one transparency to present to the class the title of their presentation and the main aspects of the topic they want to cover in the team's report and seminar. At this meeting we will also finalize the date and time of each presentation.
5. Study the topic well and prepare a coherent report (extended abstract) and **15** minutes PowerPoint presentation. The topic should be presented at the level of students in the class.
6. You will submit one hard copy of the extended abstract on the day of your presentation during the last **two weeks of Semester**.
7. If necessary, prepare handouts and provide them to the class-mates. Full citation information of the references used to prepare the presentation should be listed on the last slide of your presentation.
8. Your presentation grade will be determined by the following:
 - the quality of your presentation
 - your ability to convey your ideas, and
 - your ability to answer the questions
9. **ATTENDING ALL THE MEETINGS (during February 1st, February 7th, and the days of presentations) IS OBLIGATORY.**
10. Each registered student is expected to attend the seminars and actively participate by asking relevant questions after each seminar.
11. Each registered student is expected to attend **at least two** of the seminars in the department during the term. The information regarding the seminars will be posted on the course website and it can be found on the notice board outside our department.

PLEASE FOLLOW THE INSTRUCTIONS BELOW

1. <https://www.concordia.ca/content/dam/encs/ciise/docs/expectation.pdf> is an statement in which every individual will commit that his/her work during the term will be original and not copied from various sources or from other colleagues. This should be printed, signed and attached as cover page with your extended abstract
2. Signature sheet, available in the course website, is another thing that you have to fill, get signed and submit along with your extended abstract