MEC E 200A/B SEM C1

Introduction to Mechanical Engineering (Winter 2012)

Seminar: TR 12:30 – 13:50 ETLE 1-007 or 4-1 & 4-3

Instructor: Dr. Kajsa Duke

Office: MEC 5-1K, phone#: 492-4710,
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Office Hours: Please send an email to arrange an appointment.

Prerequisites: None

Textbook: None

Description: Introduction to the profession of mechanical engineering with special emphasis of industries in Alberta, including coverage of elements of ethics, equity, concepts of sustainable development and environmental stewardship, public and worker safety and health considerations including the context of the Alberta Occupational Health and Safety Act. Selected guest speakers on design problems in mechanical engineering. Communication skills including written and oral presentations.

Webpage: Available through eclass

Examinations: None

Final Assessment: Grades based on work completed throughout:

- 100-200 word informative abstract: 10%
  (due one week prior to presentation)
- 600-1000 word technical paper: 15%
- Presentations
  - 2.5-3 minute 10%
  - 9 -11 minute 20%
• Interview and poster 20%
• Student presentation critiques 12.5%
• In-class work 12.5%

Grading:

Student presentation critiques 12.5%
In-class work 12.5%

Each assignment will be graded out of 4 using the following check system:

✓+ = 4/4 Clear, complete, thoughtful comments given.

✓ = 3/4 Either messy or some points incomplete.

✓− = 2/4 Very messy, incomplete, little or irrelevant comments given.

Note that your lowest mark (or one absence) for one of your “In-class” assignments will be dropped.
Details for the grading of the other assignments will be given with the specific project description.

Late Policy: Late assignments (except the delivery of the presentations and poster) are accepted according to the following scale:

One day late – Minus 10%
Two days late – Minus 30%
Three days late – Minus 50%

Assignments handed in four days or more after the due date will not be graded and will receive a grade of zero.
Academic Integrity:

“The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour (online at www.ualberta.ca/secretariat/appeals.htm) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offense. Academic dishonesty is a serious offense and can result in suspension or expulsion from the University.”

30.3.2(1) Plagiarism

No Student shall submit the words, ideas, images or data of another person as the Student’s own in any academic writing, essay, thesis, project, assignment, presentation or poster in a course or program of study.

30.3.2(2) Cheating

30.3.2(2)a No Student shall in the course of an examination or other similar activity, obtain or attempt to obtain information from another Student or other unauthorized source, give or attempt to give information to another Student, or use, attempt to use or possess for the purposes of use any unauthorized material.

30.3.2(2)b No Student shall represent or attempt to represent him or herself as another or have or attempt to have himself or herself represented by another in the taking of an examination, preparation of a paper or other similar activity. See also misrepresentation in 30.3.6(4).

30.3.2(2)c No Student shall represent another’s substantial editorial or compositional assistance on an assignment as the Student’s own work.

30.3.2(2)d No Student shall submit in any course or program of study, without the written approval of the course Instructor, all or a substantial portion of any academic writing, essay, thesis, research report, project, assignment, presentation or poster for which credit has previously been obtained by the Student or which has been or is being submitted by the Student in another course or program of study in the University or elsewhere.

30.3.2(2)e No Student shall submit in any course or program of study any academic writing, essay, thesis, report, project, assignment, presentation or poster containing a statement of fact known by the Student to be false or a reference to a source the
Student knows to contain fabricated claims (unless acknowledged by the Student), or a fabricated reference to a source.

30.3.6(4) Misrepresentation of Facts
No Student shall misrepresent pertinent facts to any member of the University community for the purpose of obtaining academic or other advantage. See also 30.3.2(2) b, c, d and e.

30.3.6(5) Participation in an Offence
No Student shall counsel or encourage or knowingly aid or assist, directly or indirectly, another person in the commission of any offence under this Code.

The Truth In Education (T*I*E) project is a campus wide educational campaign on Academic Honesty. This program was created to let people know the limits and consequences of inappropriate academic behaviour. There are helpful tips for Instructors and Students. Please take the time to visit the website at: http://www.ualberta.ca/tie