



DEPARTMENT OF SCIENCE

COURSE OUTLINE – EG1000/EG1010 WINTER 2014

ORIENTATION TO ENGINEERING PROFESSION

INSTRUCTOR: Dr. Tanvir Sadiq, P. Eng. **PHONE:** 780-539-2865
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OFFICE HOURS: TBA / By Appointment

PREREQUISITE(S)/COREQUISITE: Must have passed first term Engineering courses.

REQUIRED TEXT/RESOURCE MATERIALS: *Introduction to Professional Engineering in Canada*, 3rd Edition, by Andrews *et. al.* Publisher: Pearson/Prentice Hall

CALENDAR DESCRIPTION:

The branches and disciplines of Engineering; ethics, environmental stewardship, public and worker safety, creativity and decision-making in the design process; the Engineering method of problem solving; challenges to Engineering, and the professional responsibilities of the Engineer.

Aspects of the Alberta Occupational Health and Safety Act.

CREDIT/CONTACT HOURS: 2(2-0) UT (2)

DELIVERY MODE(S):

The course content may be supplemented by (i) presentations from practicing Engineers drawn from various disciplines of Engineering, and (ii) relevant articles from the *PEG* and other journals. Some industrial tours as opportunities arise. ESS functions/activities count for credit.

TRANSFERABILITY: **

Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

GRADING CRITERIA:

This is a pass/fail course. The final grade will be based on written submissions, attendance in the class and relevant activities.

Attendance:	100%
Assignments:	87.5% - six assigned*

*In order to get credit in these courses, ALL assignments must be completed with a passing grade. At least 87.5% sessions must be attended for pass grade in the courses.

COURSE SCHEDULE/TENTATIVE TIMELINE:

M	1330 - 1420	J203
F	1130 - 1220	J203

EVALUATIONS:

Proficiency with written assignments is demanded for full credit. (See handout on Moodle)

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at <http://www.gprc.ab.ca/programs/calendar/> or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/**

**Note: all Academic and Administrative policies are available on the same page.