



DEPARTMENT OF SCIENCE

COURSE OUTLINE – EG1010 WINTER 2015

ORIENTATION TO ENGINEERING PROFESSION II

INSTRUCTOR: Dr. Tanvir Sadiq, P. Eng. **PHONE:** 780-539-2865
OFFICE: J209 **E-MAIL:** [tsadiq at gprc dot ab dot ca](mailto:tsadiq@gprc.ab.ca)

OFFICE HOURS: TBA / By Appointment

PREREQUISITE(S)/COREQUISITE: Restricted to students in Engineering. Must have passed first term Engineering courses.

REQUIRED TEXT/RESOURCE MATERIALS: There is no required text. Some notes and resource material may be provided.

CALENDAR DESCRIPTION:

Creativity and decision-making in engineering, team approach and engineering methods of solution, challenges to engineering, a review of the present status of engineering and its place in society are all covered in the course.

CREDIT/CONTACT HOURS: 1(1-0-0) UT

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: **

University of Alberta, Augustana Faculty-University of Alberta, Concordia University College, Canadian University College, King's University College.

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 and Assignments (List provided in class*): 100%

*In order to get credit in these courses, ALL assignments must be completed with a passing grade. At least 93% of the sessions must be attended for pass grade in the courses.

COURSE SCHEDULE/TENTATIVE TIMELINE:

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.