

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF SCIENCE
EG 2000/2010 ORIENTATION TO ENGINEERING PROFESSION
2(2-0) UT (2)
W and F 2:00 - 2:50 p.m.

INSTRUCTOR: Dr. R. Hunt, P. Eng.

OFFICE: C414

PHONE: 539-2008/532-1338

COURSE CONTENT: An outline of the development and history of the Engineering profession; the branches and functions of Engineering; creativity and decision-making in the design process; the Engineering method of problem solution; and challenges to Engineering.

Proficiency in report writing is demanded for full credit.

The course content will be supplemented by presentations from practising Engineers drawn from various disciplines of Engineering. Some industrial tours as opportunities arise. ESS functions/activities count for credit.

Corequisite/
Prerequisite:

EN1201. (Must be eligible for UT at completion of this course.)

FINAL GRADE:

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

- Assignments: 100% - four assigned
- Attendance: 80% - twenty six scheduled

In order to get credit in these courses, ALL assignments must be completed with a passing grade. At least 21/26 sessions must be attended. CR grade if 25/30 completions. IN if less.

EG 2000/2010 ASSIGNMENTS

1. (a) Group and briefly describe the courses by subject taken in your "current" choice of branch for 2nd, 3rd, and 4th (or 5th?) year.
(b) List the jobs/projects/type of work done in that branch upon graduation.
(due January 21, 1994)
2. Describe/define in one paragraph what the word "professional" means when used in the context of "Professional Engineer".
(due February 11, 1994)

3. Prepare a one page letter to:

The Personnel Director
The XYZ Engineering Company Ltd.
P.O Box 777777
GRANDE PRAIRIE, Alberta T8V 1C6

seeking summer employment for the period May 1, 199_ to August 31, 199_.

The letter should briefly state why you are interested in working for the Company and refer to the pertinent skills and abilities which would be of interest to an employer. In closing ask for a job interview and provide the necessary information to contact you.

Assume that you have prepared a resume which you are enclosing with your (application) letter.

(due March 11, 1994)

4. Prepare a resume for yourself suitable for a "general" summer employment application in an Engineering-related field.

Be sure to include ALL relevant experience, even if at home, on the farm, etc. as related to operation of machinery, construction, vehicles driven, license's obtained, salary range, responsibilities assumed, references, telephone and address information, etc.

Chronological order or reverse order is preferred, plus vital statistics (where required by law - or otherwise).

(due April 1, 1994)