

GRANDE PRAIRIE REGIONAL COLLEGE

DEPARTMENT OF SCIENCE

EG 1300 ENGINEERING MECHANICS 4.0(3 0 2) UT(4)

Lectures:	T R	10:00 - 11:20 a.m.	J202
Laboratory:	M	1:00 - 2:50 p.m.	J202
	M	3:00 - 4:50 p.m.	J202

INSTRUCTOR: Dr. Robert Hunt, P. Eng.

OFFICE: C414

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TEXT: Hibbeler, R. C. - Engineering Mechanics: Statics and Dynamics.
11th Edition. Prentice Hall

COURSE CONTENT:

Equilibrium of planar systems, analysis of statically determinate trusses and frames, friction, shear forces and bending moments in beams, centroids, centres of gravity, moments of inertia.

COREQUISITE: MA 1000

MARK DISTRIBUTION:

Assignments:	10%
Laboratories:	5%
Mid-Term Test	35%
Final Examination	50%

EXAMINATION:

Midterm examination :	7 to 8:30 p.m. on Wednesday, October 25/06
Material covered:	To end of week 6.
Final common examination	TBA by the Registrar's Office.

LECTURE SCHEDULE:

Notes: The work is presented in the order covered in the text. All of Chapters 2, 5, 6, 7, 8 and 10 are not covered in this course.