

ME241 STATICS

M-W 5:30-6:45 CED 111

FALL 2008 CREDITS: 3

This course transfers to UNR as ME241

Objective: Apply mathematical and analytical problem-solving skills in obtaining an understanding of vector mechanics.**TEXT:** Vector Mechanics for Engineers (Statics) or (Statics and Dynamics) 8th Edition by Beer and Johnston**SCHEDULE:**

<u>Chapter</u>	<u>Contents</u>
2	Statics of Particles
3	Rigid Bodies: Equivalent Systems of Forces
4	Equilibrium of Rigid Bodies
5	Distributed Forces: Centroids and Center of Gravity
6	Analysis of Structures
7	Forces in Beams and Cables
8	Friction
9	Distributed Forces: Moments of Inertia

EXAMS: There are 3 exams. One sheet of 8.5"X11" paper of notes (both sides) will be allowed for each exam.

<u>Tests</u>	<u>Tentative Date</u>	<u>Chapters</u>	<u>Percent of Final Grade</u>
Exam 1	Oct 1	2, 3, 4	25%
Exam 2	Oct 29	5, 6	25%
Exam 3	Dec 10	7, 8, 9	25%

ATTENDANCE: Attendance is required. Final grade will be reduced by 15% after three or more unexcused absences.**INTEGRITY:** It has been said that it is better to be poor and walk with integrity than to be crooked though you be rich. A compromised grade is absolutely worthless, where a hard-earned grade has intrinsic value that will last throughout your career. Plagiarism will not be tolerated in this class and will result in an automatic 'F'**HOMEWORK:** Homework accounts for 25% of the final grade. Homework is compulsory and is due on the specified date. Late homework will not be accepted without prior arraignment. Homework will not be accepted after solutions are posted.

Homework Schedule will be posted

GRADING

>= 85%	A	53-62%	D
70-84%	B	<53%	F
63-69%	C		

INSTRUCTOR

Andrew Bell

Phone: Home 775-267-1454 (not after 8:00 pm)

Email: bella26@wnc.edu or andrew.bell@ge.com

Office hours are as long as required, after class, in the closest available classroom.

DIVISION CHAIR: Dr. Brigitte Dillet; 775-423-7988 ext. 2254, bdillet@wnc.edu