

CE 202-501 -- Tuesdays & Thursdays 10:30 – 11:45 AM in A129

Instructor: Annette Hatch

Office: A123

Office Hours: STEM Center: Tues/Wed 3:00-5:00

A123: Mon 3:00-5:00 & Wed 1:30-3:00

Or by app't.

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Phone: 925-8642

COURSE DESCRIPTION: Statics of particles and rigid bodies in two and three dimensions using vector algebra as an analytical tool; centroids; distributed loads; trusses, frames; internal forces, friction. Prerequisites: PHYC 160 and MATH 163.

COURSE LEARNING OUTCOMES: The primary objective of this course is to develop a thorough understanding the forces on objects at rest. A second and equally important objective of this course is to develop broad engineering skills, such as mastering complex concepts, critical thinking, and problem solving.

COURSE MATERIALS: *Engineering Mechanics: Statics by Hibbeler (13th ed.)*, engineering paper, pencil, scientific calculator, flash drive and 3-ring binder or folder. (Items may be shared with other classes.)

Grading Scale (Note: + and – of grades are possible but only if of benefit to the student.)

A	90 – 100%	CR	Credit	72 – 100%
B	80 – 89%	NC	No Credit	< 72%
C	70–79%			
D	60–69%			
F	< 59%			

In-Class Quizzes	25%
Homework	25%
Midterm	20%
Final Exam	30%

IMPORTANT DATES with respect to this class:

Labor Day (No classes): Monday, September 7, 2015

Last date to drop without a grade: Friday, September 4, 2015

Fall Break: Thursday & Friday, October 8-9, 2015

Thanksgiving Break: Thursday & Friday, November 26-27, 2015

Final Exam: 10:30 AM – 12:30 PM Monday, December 7, 2015 in A129

ATTENDANCE POLICY: Attendance is crucial. If a student misses 2 classes in the first three weeks or 4 classes total, the student may be dropped from the class. The student bears full responsibility for the material and procedural information covered in class.

IN-CLASS QUIZZES: A 20-minute quiz covering recent material will be given each Wednesday at the beginning of class. A calculator and one 3x5-inch card will be permitted. If you are late, you will be allowed only the time remaining in the 20 minutes to complete the quiz. If you are absent or arrive after the quiz has been collected, you will not be able to make up the quiz. The two lowest quiz scores will be dropped. If there is no class on a particular Thursday, there will be no quiz that week.

HOMEWORK: There will be weekly homework assignments. Homework must be neat, legible and submitted as shown on the homework example or the score on each unacceptable problem will be

reduced by 25%. Homework submitted more than one class period after the due date will have scores reduced by 25%. Homework problems may be reworked *from scratch* and submitted with the original problem for up to half the points missed. Reworked problems must be submitted in the same half of the semester in which they were assigned. Penalty points may not be recouped.

MIDTERM & FINAL EXAMS: These exams will be cumulative. A calculator and one 8½x11-inch sheet of paper will be permitted. No Internet connectivity will be allowed. Phones will be off.

UNM EMAIL/BLACK BOARD LEARN ACCESS: Beginning Fall 2015 semester, all UNM-Valencia students will need a UNM Net ID which can be created by going to: <http://it.unm.edu/accounts/>. UNM Net ID will give you access to the computer labs on campus, blackboard learn and UNM Email.

SUPPORT SERVICES: The Valencia Campus Library provides a quiet atmosphere for study and is an excellent resource for supplementary materials. Audiotapes and videotapes are available for student use through the library. The STEM Center offers tutoring at no cost to the student. For best results, schedule appointments for tutoring at (505) 925-8515. The Learning Center (925-8907) and TRiO also offer tutoring at no cost to the student. The online tutor, Ryan Baltunis, can be reached at 925-8553 or found in LRC 118. Students who miss tutoring appointments may be denied future appointments.

EXPECTATIONS: Students are expected to conduct themselves in a polite, courteous, professional and collegial manner. Cell phones must be set on silent. Please step into the hall if you need to take a call during class. Cell phones must be turned off during exams.

DISABILITY STATEMENT: If you have a documented disability, please provide me with a copy of your letter from Equal Access Services as soon as possible to ensure that accommodations are provided in a timely manner. The Equal Access Office can be reached at 925-8510.

COMPUTER LAB RESPONSIBILITY: Please be advised that use of computer labs on UNM properties is governed by "Policy 2500: Acceptable Computer Use" which can be found at <http://policy.unm.edu/university-policies/2000/2500.html>. Food and drink are also prohibited in any computer lab on campus. Anyone violating these policies is subject to possible suspension and loss of computer lab privileges.

UNM's Policy on Academic Honesty: Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, including dismissal, against any student who is found responsible for academic dishonesty. Any student who has been judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course. Academic dishonesty includes, but is not limited to, dishonesty in quizzes, tests or assignments, claiming credit for work not done or done by others; hindering the academic work of other students; and misrepresenting academic or professional qualifications within or outside the University.