

Engineering Statics

ENGR 210

Fall 2009

Dr. Jenni Light

Office location: MLH 120A
Cell phone: (509) 254-4330 (between 8 am – 9 pm)
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Class Schedule: T/TH 10:30-11:45 MLH B10
Class website: www.lcsc.edu/jlight/09_statics
Required text: Engineering Mechanics; Statics, 11th ed.
Prerequisites: Math 170 or calculus equivalent; Physics 211

Important notes:

Reasonable accommodations are available for students with a documented disability. Accommodations must be approved through the Student Counseling Center/Student Disability Center – Reed Hall room 111. Call 208-792-2211 to make an appointment with a disability counselor if you think you may need special assistance.

All members of the university community share responsibility for maintaining and promoting the principles of truth and academic honesty. The office of Student Conduct has a policy defining academic dishonesty and the procedures to follow if dishonesty occurs. This information can be found at <http://www.lcsc.edu/Catalog/ss/code-of-conduct.htm>. If academic dishonesty has occurred on any homework, test or other assignment, the incident will be reported to the Office of Student Conduct and the student(s) involved will receive no credit (a score of zero) for that particular material and other appropriate actions.

After the course you will:

1. have experience applying Newton's laws to real engineering situations;
2. be able to identify significant features and forces in a rigid body;
3. be comfortable with vocabulary engineers use to describe engineering structures;
4. have experience applying static analysis to a design project, and;
5. be able to reason how changes to a structure will affect its performance.

Grading: Grades will be based on three mid-term exams (10% each) and a final exam (15%), homework assignments (25%), reading quizzes (10%), and design projects (20%).

Homework will be assigned in each class and will be due on the following Tuesday at the beginning of class. Complete homework on **engineering paper** with a **staple** (unless there is only one page) in the top left box, **date** in the next box, assignment, name, and **page/total pages** in the fifth box. Yes, I will take points from your homework if you don't have these things on your homework and if it's not neat and easy to read. See class **website** for tentative schedule and additional homework guidelines.

You may miss three homework assignments without affecting your homework grade or I will drop your three lowest homework scores from your average if you complete all your assignments. I will post your scores on blackboard. Please check there often to make sure I've received and graded everything you've turned in.

Grade percentages are:

A \geq 90%	C+ \geq 76.7%	D \geq 60%
B+ \geq 86.7%	C \geq 73.3%	F < 60%
B \geq 83.3%	C- \geq 70%	
B- \geq 80%	D+ \geq 66.7%	