Homework Information

Class will begin with a short quiz on the previous lesson, that I will then go over. The daily quiz will usually be similar to (or a simplification of) the Numbas problems assigned at the previous class.

I will pass out a handout with example problems in every class, and I will try to complete at least one problem on the handout during each class. Worked-out solutions to the handout problems are available on the website, in case I don't finish them all.

For homework, after each class you should **study** all the problems on the daily handout, **read** the material in the online textbook. (https://engineeringstatics.org) and **solve the Numbas problems** assigned on the course syllabus (http://weh.maritime.edu/mechancis).

Homework Score

The Numbas problems will be automatically graded, and there are approximately 3000 points available.

You must get 2000 HW points in order to earn a 100% homework grade. Complete more for extra credit. You may attempt Numbas problems multiple times to increase your score.

Numbas problems should be completed by the following class in preparation for the daily quiz, but any work completed by the day of the next exam will count towards your homework score.

Numbas Tips

- You will need to download and use the Numbas Lockdown Browser to access the homework. https://www.numbas.org.uk/lockdown-app/

- *Mac users may need to grant permission* to install the software.
  See https://www.numbas.org.uk/lockdown-app/mac_security.html

- Be sure to refresh the problems a couple of times to see all the variations.

- Labels can be dragged to make labeling clearer.

- Sometimes the illustration doesn't load. Hit refresh in this case.

- Give your answers to engineering accuracy which is no more than 0.2% error. This means give three significant digits unless first digit is a 1, in which case give 4 significant digits.

- Most answers need correct units. and units require proper capitalization. **m** not **M**, **kN**, not **kn**, etc.

- For angles, use a degree symbol ° (shift-option-8 on mac) or type *deg*.

- Greek letter π (option-p on mac) can be entered by typing "pi".

- Include a leading zero for numbers like 0.25 or -0.5.

- Clicking the *Reveal Answers* button at the bottom will show hints or a worked out solution. Try to solve it on your own before peaking!

- If you feel that a problem is not working properly or returning the wrong answer, take a screenshot of the problem/answer and let me know so that I can fix it.