

ME200 Fall 2014
SDSU
Homework 1

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1 Description and tips

The focus is on chapter 1 - the problems should go fairly quickly. The fundamental chapter 2 problems are review, and have worked solutions in the back, so try to answer them first on your own, then review the solution. The other chapter 2 problems have solutions in the back, but no solutions as of yet are posted for those. Try them first.

The key is to practice looking at a problem and executing the steps defined in class this past week. Remember to practice being clear and organize. Lay out what is given, assumptions, what is the question, and steps to solve the problem, then execute the calculations. It is suggested you practice drawing the figures also, you will be doing many vector-force drawings in the class.

2 Reading

Please also read chapter 1 and chapter 2 up through 2.5. We will cover as much of chapter 2 this coming week as possible.

3 Problem assignment

Problems from Hibbeler

- 1.1, 1.2, 1.3, 1.5, 1.6, 1.7, 1.9, 1.11, 1.18, 1.21
- F2.1, F2.2, F2.3, F2.4, F2.5, F2.6, F2.7, F2.10, F2.11, F2.14
- 2.1, 2.2, 2.3, 2.22, 2.34