

For each problem you solve in this class, you must provide a full explanation. For the next month, we will work on the second half of Chapter 4 (Optimization and L'Hopital's Rule) and the first half of Chapter 5 (Integration). You should write up and turn in the problems listed below. If you are having difficulty, please try the odd-numbered counterparts first and check your answers in the back of the book. In addition, I strongly encourage you to work together and visit me during office hours. However, you are never to look at another student's homework as an aid for yourself.

As stated in the syllabus, these problems are due at the beginning of the period. Any late homework will be assigned a grade of zero.

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**Homework #9:**

On Wednesday, April 15, homework from the following sections is due:

- 4.5: 4, 7, 22, 24, 33, 37
  - 4.6: 8, 14, 20, 23, 29, 35, 38, 44, 47, 50, 51, 54
  - 4.8: 26, 30, 33, 37, 51, 54, 63, 65
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**Homework #10:**

On Wednesday, April 22, homework from the following sections is due:

- 5.1: 2, 4, 9, 11
  - 5.2: 2, 4, 6, 8, 10, 11–16, 30, 32, 36
  - 5.3: 2, 4, 6, 10, 12
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**Homework #11:**

On Wednesday, April 29, homework from the following sections is due:

- 5.3: 23–26, 55, 62
  - 5.4: 2, 6, 12, 18, 22, 32, 42, 46, 48, 52, 65, 75
  - 5.5: 2, 10, 15, 21, 27, 29, 31, 36, 43, 46, 48, 51, 59
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**Final Exam:**

The date for your final exam depends on the section in which are you enrolled.

- Monday, May 4, 11AM–1PM (this is your time slot if you are in the 11AM section)
- Friday, May 8, 8AM–10AM (this is your time slot if you are in the 10AM section)

There is currently a set of practice problems for the final under “Mathematical Links” at

<http://myweb.lmu.edu/emosteig>.