# The Final and Other Business

**MATH 130-03: Calculus I**
**April 30, 2018**

**Review Session:** We will have an optional review session on Friday, May 4th from 10:30am until Noon in Eaton 110. Come prepared with questions!

**Office Hours:** I will hold office hours as follows. If you have conflicts at these times and still wish to see me, **please** make an appointment. Note that Phoebe, the Math Intern, will also have regular hours.

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Wednesday, May 2nd: 2:00pm-4:00pm
Thursday, May 3rd: 1:00pm-3:00pm

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**The Where and When of the Final:** The final exam is on Sunday, May 6th from 1:30pm until 4:30pm in Eaton 110.

**The Final Details:** The final is worth two exams. The final will be cumulative and will not favor any particular section so be sure to study thoroughly everything from 1.1 through 4.9 with the exception of 4.5 and 4.8. Use your review sheets (they are still posted on our website) from previous exams to guide you about what you are expected to know. In addition to what is on your three review sheets, you should also be able to (suggested problems from Chapter 4 Review, pages 330-332):

(1) solve limits of indeterminate forms (including indeterminate quotients, products, differences and powers; remember to show what indeterminate form you have at each step) (4: 39-59 odd)

(2) solve optimization problems (4: 21, 23)

(3) calculate antiderivatives using basic formulas and algebraic or trigonometric manipulation (4: 69-81 odd)

(4) solve differential equations (4: 83, 85).

Remember that it may be more helpful to do the optional/extra fun problems than these review problems, so try the optional/extra fun problems first. Some of the final may consist of problems taken directly from previous exams, labs, extra fun, homework assignments, optional problems and notes. Be sure to review all your exams carefully. Be sure to spend some time practicing problems alone without using your book. Make sure you understand the concepts that are being used in each problem so that when you are taking the final and you obtain a solution you can ask yourself it is makes sense. Remember if you have any questions during the final, please be sure to come and ask me. I may be able to prevent you from spending extra time worrying about something. **Don't leave anything blank!!!**

**Other Final Exam Information:** The final will contain true/false and multiple choice questions as well as regular problems. You may bring one 3x5 index card with any information you feel would be helpful written on the front and back only. Be wise! Don't put so much information on there that you won't be able to find anything! When you are finished, I will collect the index card with your exam. As usual, you will also be provided with a non-graphing calculator (you may **not** use your own), and there will be randomized seating at the exam. Wait until the names have been laid out before taking a seat.

**GOOD LUCK!!! HAVE A GREAT SUMMER!!! KEEP IN TOUCH!!!**