

MATH 2163.001 Calculus III Summer 2012

MTWR 1:30-2:45 PM, MSCS 422

Instructor: Dr. Robert Myers, Professor of Mathematics

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Office Hours: MTWR 2:45-3:30 PM, or by appointment.

Course Websites:

Online Classroom (Desire to Learn, “D2L”): <https://oc.okstate.edu>

After logging on to D2L go to the homepage for this course. It will contain announcements and direct you to other course material such as the course schedule, practice exams, exam solutions, your current scores, and your current estimated grade. It will also have links to the following.

Homework Login: <https://www.webassign.net/login.html>

This is where homework will be assigned, submitted, and graded using the online system WebAssign.

WebAssign Information: <http://www.math.okstate.edu/webassign>

This contains instructions on how to enroll in WebAssign for this course. You will need the *Class Key* for this section, which is okstate 5430 8895. It also contains a guide to using WebAssign in calculus and a link to the WebAssign support center.

OSU Syllabus Attachment: <http://academicaffairs.okstate.edu/faculty-a-staff/49-syllabus-summer>

This contains further information on such things as drop dates, incomplete grades, special accommodations for students with disabilities, academic integrity, and general university policies.

Text: *Calculus: Early Transcendentals, Custom Edition for Oklahoma State University*, by James Stewart. It covers Calculus I, II, and III. New versions should have a WebAssign Access Code packaged with them. Used versions may be missing the Access Code; in this case you would need to buy an Access Code separately, either from the OSU Bookstore or online from WebAssign. Be sure to ask OSU Bookstore personnel whether or not the particular book you are buying contains the Access Code. We will cover the following sections: 12.2-12.5, 13.x, 14.1-14.8, 12.6, 15.1-15.9, 16.1-16.4; section 13.x is a section written by OSU which is included in your book between the regular chapters 12 and 14; it corresponds roughly to sections 13.1-13.3 in the ebook version of Stewart available on WebAssign.

Grading: Your grade will be based on a scale of 400 possible course points obtained from the following sources:

Source	Points	Sections	Date
Homework	100 †	See WebAssign	See WebAssign
Exam I	100	12.2-12.5, 13.x, 14.1-14.5 *	Wed. June 20 *
Exam II	100	14.6-14.8, 12.6, 15.1-15.5 *	Tue. July 10 *
Exam III	100	15.6-15.9, 16.1-16.4 *	Thu. July 26 *

† WebAssign grades on a scale of around 384 total points. This will be converted to a 100 course point scale by taking 1/3 of your WebAssign total or 100, whichever is smaller. So 300 or more WebAssign points corresponds to 100 course points.

* These items are tentative and subject to change. Check the course homepage on D2L for up to date information.

If you make at least the following total score, you will make at least the indicated letter grade. (Depending on the distribution of scores, it is possible that lower cutoffs may be used.)

360 points–A, 320 points–B, 280 points–C, 240 points–D

CONTINUED ON THE BACK

Homework: Homework will be assigned, submitted, and graded using the online system *WebAssign*.

Getting Started: First read through the self-enrollment information at the WebAssign Information website listed above. Follow the instructions on that page to enroll in WebAssign for this course. You will need the *Class Key* [okstate 5430 8895]. Please note that if you already have a WebAssign account at OSU you should **not** create a new one.

There is also an *Access Code* which verifies that you have paid for access to WebAssign. This code either came packaged with your textbook or can be purchased from the OSU Bookstore or from WebAssign. **Since there is some dropping and adding and section changing during the first two weeks of class you do not have to enter your Access Code until the end of this period.** After that you will be locked out of the system until you enter it.

General Information: Most homework assignments cover two sections in the book. The due date and time for each assignment are listed on WebAssign. There will be 13 homework assignments, so you should expect a couple to be due each week. Some parts of some problems may say something about turning in written work to your instructor; we will not be doing that in this section; those parts will not be graded.

Graphing Calculators: On some WebAssign problems a graphing calculator may be necessary. Graphing calculators can be checked out for the semester from the Mathematics Department Office, 401 MSCS. Checkout will have regular hours Mon. through Thu. 8:00-12:00 and 1:00-5:00 and Fri. 7:00-12:00 and 1:00-4:00. Supplies are limited. Be sure to bring your Student ID. **All calculators must be returned by the given deadline; otherwise non-refundable fees up to the price of the calculator will be charged to your bursar account.**

Makeup Policy: Except for those adding the course late **there are no makeups for missed homework.**

Exams:

Partial Credit: On exams the amount of partial credit will depend primarily on how much of a problem you do correctly. You must carefully follow the instructions and must in general write down all of the steps involved in getting your final answer, not just the final answer by itself, in order to ensure credit. **If you make a mistake in a step of a problem, do not expect credit on future steps which depend on that mistake. In particular expect no credit if you copy down the problem incorrectly.**

Rules: All exams, including the final, are closed book and closed notes. You may use a calculator no more powerful than a TI-89. The use of computers, cell phones, personal music players, or other electronic devices will not be permitted during exams.

Makeup Policy: Makeups for exams will be given only for serious and unavoidable reasons. You should try if at all possible to contact me before the regularly scheduled exam time. These makeup exams may be somewhat harder than the original exams.

MLRC: Tutoring for this course will be available at the Mathematics Learning Resource Center (on the fourth floor of the Classroom Building, CLB 420) at hours to be announced. The MLRC phone number is 744-5818. Their website is www.math.okstate.edu/mlrc.

Advice:

- The sections to be covered on a given class day will be announced in advance. Try to read through those sections before class. That will better enable you to follow the lecture and ask questions.
- Don't try to do the homework sitting in front of the computer. Print out the assignment, go away from the computer, and work on it with pencil and paper. Return to the computer only when you are ready to input your answers.
- Start on the homework in a given section as soon as possible after the material is covered in class. WebAssign allows you to save your answers to problems without submitting them for grading. You can submit answers to individual problems without submitting the entire assignment. Most problems allow you several attempts to get the problem right. This way you can make steady progress each day instead of going through the agony of trying to do the whole assignment the night before it is due.
- The way to learn mathematics is to **do** mathematics. It is a skill which is acquired through practice. The point of the homework is to provide that practice. There are computer programs and some advanced calculators that can do various calculus problems, but a person who relies on these (or another person) to do the homework is not getting the practice needed to learn calculus. And a person who has not learned calculus will not do well on the exams.
- Make use of the help available to you, in particular the MLRC and my office hours. If you have a time conflict with my regular office hours talk to me or email me so that we can arrange a mutually convenient time.