

# Course Syllabus

## Math 2153, Calculus II, Sec 001

### Spring 2015

**Instructor:** Dr. Xiaowei Yang

- . Office: MSCS 435 . Phone : 405-744-2304
- . Email : yang@okstate.edu (the best way to contact me)
- . Class: MWF 7:30AM - 8:20PM ( in HS 326)
- . WebAssign : <https://www.webassign.net> . Class key: okstate 5277 1615
- . Online classroom (D2L): <http://oc.okstate.edu> (Main location of class resources and grades)

**Office Hours:** 1:30pm - 2:30pm on Wednesday and Friday in the library at MLSC (NTR), or by appointment.

**Prerequisites:** You must have achieved a C or better in MATH 2144 or equivalent.

**Textbook:** Calculus (Early Transcendentals, Second Edition), by Jon Rogawski

This is a three credit-hour mathematics class that goes quickly and will certainly be more abstract than other math courses you have taken. You should expect to average six hours of work outside of class per week and more if you are struggling. It is very difficult to succeed at this level of mathematics without consistently spending that much time reading the textbook, doing practice problems, and getting help

**Syllabus Attachment:** Please read the OSU syllabus attachment on the web at <http://academicaffairs.okstate.edu/images/syl-spring15.pdf>. This has a lot of important information, including instructions about disability accommodations. Please contact me privately during the first week of the course if you need accommodations as the result of a disability

**Grading:** There are two schemes, and for each student, I will pick the one that gives the higher grade.

Scheme 1	Scheme 2
3 hour exams 15% each	3 hour exams 10% each
Final exam 25%	Final exam 40%
Homework, quizzes, classwork 28%	Homework, quizzes, classwork 28%
Attendance 2%	Attendance 2%

Earning a score of 90% guarantees an A for the semester, 80% a B, 70% a C, and 60% a D. I reserve the right to use discretion if you are on the borderline between two grades, taking into consideration performance on the final exam, improvement or decline during the semester, attendance, and my subjective judgement of your effort.

**Attendance:** Attendance is required. Please see the "Missed Work" section for information about excused absences. You will receive full credit if you attend all 50 minutes of at least 40 of the 44 classes this spring. You will lose 6% points on your attendance grade for every unexcused absence beyond four. **These are easy points; don't let them go to waste.**

**Examinations:** All exams will be in class. The tentative hour exam dates are :

- **Friday, Feb 13**
- **Friday, Mar 13**
- **Friday, April 17**
- **The final exam: Friday, May 8th , 8:00 a.m.- 9:50 a.m.**

I will communicate any changes in class and in writing. You must tell me in writing by **Monday, April 20**, if you have a university-approved conflict with the final exam time; if you do not meet that deadline, you may not be allowed to take a conflict exam, and if you are, you will have your score decreased up to 15% as a penalty. I cannot give a conflict exam if you do not have a university-approved conflict.

**Quizzes and Classwork:** I will give short quizzes in class, usually but not necessarily always announcing them in advance. On some days, you may hand in other work that you complete in class, possibly individually and possibly done in groups. I will not announce days on which we do this classwork in advance.

**Homework:** It is impossible to learn calculus without practising it. I will assign homework essentially every week. You will use WebAssign to do a lot of the computational homework, and you will have written assignments as well, some of which may be done in groups. The written assignments will help you learn to communicate mathematical ideas in a clear, rigorous manner and get feedback on your techniques. I will announce all due dates in class, and I do not accept late homework, nor do I drop any grades. (Ask me if you have extenuating circumstances; occasionally, I will be more generous if it's a one-time problem.) **Missing even one homework can dramatically lower your course grade**, so please keep up with the work, and start early. You should print out the WebAssign assignment well in advance of the due date and write your work on paper before trying to enter answers online. Computer or network difficulties are not an excuse for late homework. **You should expect to have to work hard to get some of the problems; you don't learn**

anything by doing problems identical to what I do in class. Almost all of my best students need to come to office hours at least occasionally; you should see me at the first sign of trouble.

**Conflicts:** I will offer reasonable accommodation in the event that you miss a major assessment activity for a valid and documented reason, assuming documentation is provided in advance unless absolutely impossible. For a quiz or exam, you need to tell me as soon as you know you have a conflict and will be ineligible for a make-up if you do not. If you won't be in class when homework is due, turn it in early or give it to someone else to turn in prior to the deadline. I require proof of the reason for your absence (e.g., a doctor's note, proof of involvement in an OSU-sponsored activity, etc.), and you should not assume you will be eligible for a make-up exam or quiz unless I have explicitly approved your request. The same rules apply for attendance credit; I require documentation, usually in advance, to excuse any absence.

**Calculators:** I tentatively plan to allow calculators without QWERTY keyboards on exams and quizzes, possibly with some limitations. Don't use calculators as a substitute for conceptual understanding.

**Academic Honesty:** Don't cheat. Don't copy off of other students, allow other students to copy your work, or present work you find in printed or electronic sources as your own. You may get help on homework from other people or sources but should write your solutions independently, without looking at anything someone else has produced. **In this class, copying on quizzes or exams or allowing someone to copy off of you may result in an F! for the course. Copying or allowing someone to copy your work on homework carries a penalty of up to 10 percentage points off your semester homework grade in the first instance and an F! in the class in a second instance. Fraudulently signing an attendance sheet for someone else or having someone sign for you will result in a zero for the semester attendance grade and possibly an F! in the class at my discretion.** For questions, contact the Office of Academic Affairs, 101 Whitehurst, (405) 744-5627, <http://academicintegrity.okstate.edu>. I deal with cheating very harshly; don't take any chances.

**What if I need help?** You have lots of resources for this course. Often students find it helpful to talk to each other and work through homework or practice problems together. You're encouraged to post questions and answers in the Discussion section of the Online Classroom. For quick questions, you can send me e-mail if you are really too shy to post there, and you should certainly come see me in person during office hours if you have something more than a quick question. Finally, there is free tutoring available in the MLSC. See <http://www.math.okstate.edu/mlsc> for details. **Above all, see me early if you have questions.** Good luck.

**First Assignment:** Easiest 5 points of the semester, due by 5:00 p.m. on Friday, January 16.

1. Send me an e-mail at [yang@okstate.edu](mailto:yang@okstate.edu). Write me a paragraph (not a list) including your name, year in school, major, hometown, last math class (and instructor if taken at OSU), and anything interesting about yourself you want to tell me, especially your interests in and out of school. These e-mails let me

know something about my students and help me get to know everyone. If you don't get a reply from me within a day, I probably didn't receive the e-mail; talk to me about it.

2. Go to <https://oc.okstate.edu> to log on to the Online Classroom (Desire2Learn). After logging in, you should see Math 2153 in your list of courses. Look at the course documents in the Content section, and find the Discussion board. You should use the Discussion board to converse with me and with others in the class about homework and exam preparation.
3. Log on to WebAssign at <https://www.webassign.net/login.html>, and register for this section.
4. Read the syllabus attachment at <http://academicaffairs.okstate.edu/images/syll-spring15.pdf>