Math 2153: Calculus II, Section 011, MWF 11:30-12:20, HS 004

Instructor: Ben Wescoatt
E-mail: ben.wescoatt@gmail.com
Office: 439 MSCS
Office Phone: (405) 744-2913
Office Hours: MWTr 2:00-3:00

WebAssign: https://www.webassign.net/login.html
WebAssign Class Key: okstate 8921 7817
Online Classroom (D2L): https://oc.okstate.edu
Problem Solving Session: TBD

Prerequisite: Grade of C or better in Math 2144 or equivalent.
Textbook: *Calculus: Early Transcendentals*, 2nd Ed., by Jon Rogawski

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, though.

Expectations: 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 no fewer than 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 receiving help and guidance.

Syllabus Attachment: Please read the OSU syllabus attachment on the web at:
http://academicaffairs.okstate.edu/images/syl-spring13.pdf.
This has a lot of important information, including university policies, dates, and 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

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

Scheme 2

3 hour exams	10% each
Final exam	40%
Homework, quizzes, classwork	28%
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 judgment of your effort.

Attendance: I strongly believe in you attending all class periods and being prepared to learn. During class, we learn from each other via discussion and active engagement. Accordingly, attendance is required. You will receive full credit if you attend all 50 minutes of at least 41 of the 44 classes this spring and are actively engaged and prepared for each class. Examples of non-engagement include sleeping during class, working on non-calculus material, and texting; examples of non-preparedness include not attempting practice problems and not reading the text prior to coming to class. You will lose six percentage points on your attendance grade for every unexcused absence beyond three. **These are easy points; don't let them go to waste.**

Participation Work: I believe that to learn and understand calculus, you must actively think about and do calculus over an extended period of time. To encourage this practice, I will assign a reading assignment and practice problems each class period. The next class period, you will turn in the following:
- A neat, concise, and grammatically correct paragraph summarizing the reading. To be complete, the summary should be a minimum of half a page of neat handwriting or type and include the following:
  o the main topics, including any important theorems or equations,
  o a brief description of your understanding of the topics, applications, and how they connect to prior topics,
  o and your attempt, not a copy of the solution, of at least one sample problem from the text concerning the main topics.
  Your paragraph should be written in a lively and readable style, not a listing or bullet points.
- Your solutions to any practice problems assigned.

These two items may be turned in as one document. Failure to turn in the above items will result in you being considered absent for the class period as you have not prepared for class. I will review your summary and attempted solutions and provide feedback; your solutions to the practice problems will be assessed on an honest attempt, not correctness. Please do not work these immediately before coming to class; you must have this work completed at least one hour prior to class starting.

Exams: All exams will be in class. The tentative hour exam dates are **Friday, February 8; Friday, March 15; and Friday, April 19**. I will communicate any changes in class and in writing. The final exam is on **Wednesday, May 1**, from 10:00 a.m. to 11:50 a.m. You must tell me in writing by **Monday, April 15**, 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 reschedule your final exam time, and if you are, you will have your score decreased up to 15% as a penalty. I cannot reschedule your final exam time if you do not have a university-approved conflict (e.g., three final exams on the same day).

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: 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. **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. I reserve the right to review your handwritten solutions, so please maintain them in a notebook. 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.** Do not hesitate to receive guidance as you solve the problems.

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.

Integrity: Don't cheat. Don't copy off 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 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.

Guidance: You have many resources for this course. Students may find it helpful to review solutions with each other; discussion about mathematical ideas is always helpful and is encouraged. Additionally, feel free to post questions and answers in the Discussion section of the Online Classroom. For **quick** questions, and anonymity, you can send me an e-mail; you should 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; I want everybody to possess A-level knowledge by the end of the semester.** Good luck!

First Homework Assignment: Easiest 5 points of the semester, due by 5:00 p.m. on Friday, January 11.

1. Send me an e-mail at ben.wescoatt@gmail.com. Write me a **paragraph** (not a list) introducing yourself to me, 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 you and help me get to know you. 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 (D2L). 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 Discussions board and post a message in the appropriate section. You should use the Discussions board to converse with me and with others in the class about homework and exam preparation.
3. Read the syllabus attachment in the Content section or at http://academicaffairs.okstate.edu/images/syl-spring13.pdf
4. Log on to WebAssign at https://www.webassign.net/login.html, and register for this section using the Class Key above.