

Syllabus for
MATH 2163 – Calculus III
Summer 2015

Instructor: Matthew Wilson

Office: MSCS 501

Office Hours: TBA

Class Time: MTWR 1:30-2:45 PM

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Classroom: MSCS 422

Course Description

From the catalog: *Prerequisite(s): 2154 with grade of "C" or better. A continuation of 2153, including differential and integral calculus of functions of several variables and an introduction to vector analysis.*

You are expected to know and understand the concepts from the prerequisite to this course as well as the material from College Algebra and Trigonometry. Since this is a continuation, understanding the concepts from Calculus I is essential!

Textbook: *Calculus Early Transcendental* by Jon Rogawski 2th edition. ISBN: 978-1-4292-0838-3

Grades

Your final grade in this course will be based off of the following: homework, labs, exam 1, exam 2, and the final exam. Your final grade will be computed using either Scheme I or Scheme II, whichever is higher.

Scheme I		Scheme II	
Homework	100	Homework	75
Labs	100	Labs	75
Exam I	100	Exam I	75
Exam II	100	Exam II	75
Final Exam	100	Final Exam	200

You may also earn an attendance bonus of up to 20 points. The following point totals will ensure the corresponding grade. I reserve the right to possibly lower these totals at my discretion:

A	B	C	D	F
500-450	449-400	399-350	359-300	299-0

Homework

We will be using the online system *WebAssign* for homework. You can enroll online at <https://www.webassign.net> using the class code **okstate 5711 5276**. Homework assignments will be due regularly.

In addition to the WebAssign homework, I will post homework assignments to D2L. You must complete and turn the assignments in by the due date. In mathematics, the steps you use to obtain the answer is just as important if not more important than the answer itself. Therefore, I will be looking at *how* you solved the problem instead of simply the answer you obtained. To receive full credit on these assignments, you must clearly write out and justify in a sufficient level of detail each step. Furthermore, you must use correct mathematical notation when solving the problems. Many times mathematical expressions and notation are inadequate for justifying the steps you have made, in these cases you should elect to write sentences or draw pictures.

There will be between approximately 30 assignments on WebAssign and between 5 and 10 written assignments. Each assignment will be worth 15 points for a maximum 500 homework points. That is if T is your total homework points, then your homework contribution to your grade will be $\min(T, 500)/5$.

Labs

More information about the labs will be discussed in class.

Exams

There will be two 75 minute in-class exams and a 75 minute final exam. The dates for the exams are given below. Aside from a university closure, ***these dates will not change***. However, I reserve the right to the change the content of each exam. Below is a general idea of what each exam will cover.

	Date	Chapter(s)
Exam I	June 25 th	12, 13
Exam II	July 16 th	14
Final Exam	July 30 th	12, 13, 14, 15, 16, 17

If you must miss an exam for an unavoidable reason you must notify me and provide valid documentation in a timely fashion. For conflicts known prior to the exam date, you must notify me and provide valid documentation ***before*** the exam date. Early or make-up exams will only be given for unavoidable conflicts, i.e., activities associated with military service, illness, family emergencies, mandatory court appearances, or any other events of comparable gravity.

Attendance

Attendance at each class meeting is required and strongly encouraged. You will get twenty bonus points for enrolling in this course. For each unexcused absence after the first, ten points will be subtracted from the bonus. For each unexcused absence after the first three, ten points will be subtracted from your final grade. In other words having more than three unexcused absences ***will reduce your final grade!*** Furthermore, it is your responsibility to sign the attendance sheet. Failure to do so for any reason will result in an unexcused absence.

Academic Integrity

I regard violations of academic integrity as an immensely serious situation. I will not tolerate cheating in this course. Instances of cheating may include but are not limited too: copying another student's work, allowing a student to copy your work, improper use of an electronic devices, failure to acknowledge sources of assistance, or signing the attendance sheet for another student. If you are concerned an action may violate the academic integrity policy, the safest approach is to ask me first! For information on the OSU academic integrity policy visit <http://academicintegrity.okstate.edu>.

Miscellaneous

My goal is to help you learn calculus. However, this will require a significant amount of time and effort on your part in order to succeed. Learning calculus comes by doing calculus. The homework and labs provide a way for you to practice doing calculus, though often this is not enough to master the material. If you need more practice, the textbook has many more exercises with answers to the odd numbered exercises. Keeping up with the homework and labs as well as attending class regularly is pivotal to your success. If you find yourself struggling in the this course, I encourage you to seek help from myself or another source. One other source is the Mathematics Learning and Success Center (MLSC), which offers free tutoring to OSU students. More information about the MLSC can be found at <https://www.math.okstate.edu/mlsc>.

I will be using D2L. I will expect you to check both D2L and your email regularly. I will use D2L to post announcements and other content relevant to this course. You are responsible for all content or announcements posted on D2L. See D2L for the OSU syllabus attachment. *Note:* You can set D2L up to email you if anything is posted on the news feed of a given course, this can be a very helpful feature.

You are responsible for knowing the information contained in this document, given in class, and posted on D2L. Ignorance of any policy or information will not constitute a valid excuse.

Any Changes to this syllabus will be announced in class or posted on D2L.