Syllabus for
MATH 2163 – Calculus III
Fall 2017

Instructor: Matthew Wilson

Classroom: AGH 201
Office: MSCS 501
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Class Time: MWF   12:30-1:20 PM
Office Hours: TBA (in MLSC)
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Course Description

From the catalog: *Prerequisite: 2153 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..*

Naturally, Calculus III relies heavily on concepts from Calculus I & II. In order to succeed in this course, it is important you are familiar with and understand the prerequisite material. If you have any questions, feel free to ask me.

Textbook: *Calculus Early Transcendental* by Rogawski & Adams 3rd edition. *ISBN:978-1464114885*
You can access an electronic version of the textbook from WebAssign which we will be using for homework.

Grades

Your final grade in this course will be based off of the following: homework (100 points), three 50 minute exams (100 points each), and a 110 minute final (200 points). The following point totals will ensure the corresponding grade. I reserve the right to possibly lower these totals and decide borderline cases at my discretion:

A	B	C	D	F
600-540	539-480	479-420	419-360	359-0

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 2749 7033** . WebAssign assignments will be due regularly and will available on WebAssign a week before the due data. In addition to the WebAssign homework, there may be periodic written assignments. These may take the form of in-class quizzes or out of class homework assignments. I will post the written homework assignments to Brightspace. You must complete and turn the assignments in by the due date.

Exams: There will be three 50 minute in-class exams and a 110 minute final exam. The dates for the exams are given below. Aside from a university closure, ***these dates will not change***.

- Exam I: Friday, September 22nd
- Exam II: Friday, October 27th
- Exam II: Monday November, 20th
- Final Exam: Monday, December 11th 10:00 - 11:50 AM

Missed Work

If you must miss a exam or quiz 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.

Brightspace

I will be using Brightspace to post announcements and other content relevant to this course. I will expect you to check both Brightspace and your email regularly. Any Changes to this syllabus will be announced in class or posted on Brightspace. See Brightspace for the OSU syllabus attachment.

Academic Integrity

I regard violations of academic integrity as an immensely serious situation. I will not tolerate cheating in this course. Copying homework from an online source violates the OSU academic integrity policy. This includes using the step-by-step solution feature on WolframAlpha and textbook solution websites. Using computer algebra systems (CAS) such as WolframAlpha can be a useful tool if used correctly; if used inappropriately these tools can not only hinder the learning process, but can result in academic misconduct which can have serious consequences. Moreover, you will not have access to a CAS or solutions on the exams. Other 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 devises, or failure to acknowledge sources of assistance. If you are concerned an action may violate the academic integrity policy, the safest approach is to ask me first and consult the OSU academic integrity policy. The policy can be found at http://academicintegrity.okstate.edu.

Miscellaneous

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 looking at *how* you solved the problem instead of simply the answer you obtained. To receive full credit on the assignments, you must clearly write out and justify in detail each step using correct mathematical notation. 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. Simply giving the answer without justification or with incorrect justification will earn little if any credit; the answer to the problems is of little interest to me, as I already know the answer. What I am interesting in is seeing if you understand the problem and know how to solve it. This goes for homework and exams.

My goal is to help you learn Calculus III. However, this will require a significant amount of time and effort on your part in order to succeed. The homework provides a way for you to practice and is essential for the learning process. However, finding solutions online and copying them will be of little benefit to you. Additionally, the assignments in this course may not be 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 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 http://www.math.okstate.edu/mlsc.