

Syllabus for
MATH 2123 – Calculus for Technology I
Spring 2013

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Office Hours: MWF 11:30-12:20 AM

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Class Time: MWF 8:30-9:20 AM

Classroom: HSCI 129

Course Description

From the catalog: Prerequisite(s): 1613 with grade of “C” or better, or 1715 with a grade of “C” or better, or an acceptable placement score (see placement.okstate.edu). First semester of a terminal sequence in calculus for students in the School of Technology. Functions and graphs, differentiation and integration with applications.

I will be using D2L. I strongly encourage you to check both D2L and your email regularly. I will use D2L to post announcements and other content relevant to this course, you will also be able to check your grade. 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.

Textbook: *Technical Calculus with Analytic Geometry* by Peter Kuhfittig 4th edition.
ISBN: 978-0-495-01876-6

Grades

Your final grade in this course will be based off of quizzes, three in-class exams, and a final. You may also earn an attendance bonus. The possible points for each are as follows:

100pt	Quizzes/Exam Reviews
300pt	Three in class Exams
100pt	Final Exams
30pt	Attendance bonus
<u>530pt</u>	

The following point totals will ensure the corresponding grade. I reserve the right to lower these totals:

A	B	C	D	F
450-500pt	400-449pt	350-399pt	300-349pt	0-299pt

Since the final is cumulative, the lowest exam score may be replaced by the final, that is assuming the score on the final is greater.

Exams

There will be three 50 minute in-class exams. The dates for the exams are given below. These dates will **not** change. However, I reserve the right to the change the content of each exam.

	Date	Chapter(s)
Exam 1	February 4th	Chapter 1
Exam 2	March 13th	Chapters 2 and 3
Exam 3	April 12th	Chapter 4

If you must miss an exam for an unavoidable reason you must notify me **before** the exam date in order to arrange an early exam. Early exams will be given only for unavoidable conflicts, i.e., activities associated with military service, illness, family emergencies, mandatory court appearances, or any other events of comparable gravity. You must also provide valid documentation, **No late exams..** If you miss an exam the grade will be a 0! The lowest exam score may be replaced by the final, that is assuming the score on the final is greater.

Final Exam

The Final Exam will be **Wednesday May 1st at 8:00 A.M.** in our regular classroom. This will be a cumulative exam covering all topics from Chapter 1 to Chapter 5. **There will be no early or late finals!**

Quizzes/ Exam Reviews

Quizzes in this course will take place on Friday, however there will not be a quiz on every Friday. The dates will be announced on D2L. These quizzes will be approximately 10 minutes and will take place at the end of class. There will be no early or late quizzes. At the end of the semester, I will drop you lowest quiz score.

I will post exam reviews quizzes on D2L. These will be under the quiz section. You will have two attempts, the highest attempt will be recorded. You will have until midnight of the day before the in class exam review to complete the quiz. You may not work on or discuss the quiz with anyone but me. You are allowed to use your book and notes. However, I highly suggest you attempt the quiz without the notes or book, this will help understand what you know. You will still have a second attempt to get things right.

	Exam Date	Quiz Available	Quiz Due at Midnight
Exam 1	February 4th	January 28th	January 31st
Exam 2	March 13th	March 6th	March 10th
Exam 3	April 12th	April 5th	April 9th

Homework

There will be no homework collected in this course. However, below is list of suggested problems which I highly recommend you work through.

Homework	Problems
1	1.1.2, 1.1.10, 1.1.14; 1.2.8, 1.2.28; 1.3.2, 1.3.12, 1.3.22, 1.3.26, 1.3.32
2	1.4.2, 1.4.12, 1.4.22, 1.4.24; 1.7.4, 1.7.8, 1.7.12, 1.7.16, 1.8.2, 1.8.6, 1.8.16, 1.8.22;
3	1.9.4, 1.9.8, 1.9.22, 1.9.26, 1.9.28; 1.10.6, 1.10.10, 1.10.14, 1.10.20
4	2.1.28, 2.1.38; 2.2.2, 2.2.4, 2.2.8, 2.2.26, 2.2.28; 2.4.4, 2.4.12, 2.4.16
5	2.5.6, 2.5.14, 2.5.16, 2.5.24; 2.7.2, 2.7.4, 2.7.6, 2.7.10, 2.7.14, 2.7.16, 2.7.32, 2.7.38
6	2.9.2, 2.9.4, 2.9.8; 3.1.4, 3.1.12, 3.1.20; 3.2.4, 3.2.6, 3.2.18, 3.2.38
7	4.1.2, 4.1.4, 4.1.10, 4.1.12, 4.1.14; 4.3.2, 4.3.4, 4.3.6, 4.3.8, 4.3.10
8	4.5.2, 4.5.8, 4.5.10, 4.5.12, 4.5.16, 4.5.56, 4.5.64; 4.6.8, 4.6.14, 4.6.20, 4.6.22
9	4.8.2, 4.8.6; 4.9.4, 4.9.6, 4.9.10, 4.9.16
10	5.1.4, 5.1.6; 5.2.2, 5.2.6, 5.2.10, 5.2.14; 5.3.2, 5.3.4, 5.3.10, 5.3.14

Attendance

Attendance at each class meeting is required and strongly encouraged. You will get 30 bonus points for enrolling in this course. For each unexcused absence after the first three, 10 points will be subtracted from the bonus. For each unexcused absence after the first 6, 10 points will be subtracted from your final grade.

Miscellaneous

For the OSU syllabus attachment check D2L or see:
<http://academicaffairs.okstate.edu/current-students/46-syllabus-attachment>

Any Changes to this syllabus will be posted to D2L.