Syllabus for Math 2414, Honors Calculus II

Class information

Section:	HNRS-2414 001
Time:	10:30–11:45, Monday, Wednesday, Friday
Location:	Ratliff Building North 4032

Instructor information

Name:	Joseph Vandehey
Office Location:	Ratliff Building North 4004
E-mail:	jvandehey@uttyler.edu (**NOT** jvandehey@patriots.uttyler.edu)
Book:	*Essential Calculus: Early Transcendentals* Second Edition
	by James Stewart
Office Hours:	1:30–4:30 PM Thursday or by appointment

We will use Canvas in this course. Homework assignments, grades, study guides, and even this syllabus will all be posted to Canvas.

1. Course content

A study of differentiation and integration of transcendental functions, polar coordinates, techniques of integration, sequences, series, indeterminate forms, improper integrals. We will focus on chapters 6–9 of your textbook, although some topics may be dropped for time.

2. COVID-19 policies

Due to ongoing concerns of COVID-19, we will have alternative arrangements provided for students who are sick or quarantining. For these students, lectures will be recorded and posted to Canvas. Also if you are quarantining during an assessment day, you will be asked to join a Zoom chat during the assessment period (the last 20 minutes of class for a quiz and the whole class period for an exam). You must have your camera on for proctoring purposes.

3. Grading

Class item	Percent of total grade
Homework	5%
Quizzes	15%
Midterms	45%
Final	25%
Project	10%

On quizzes and tests, the final answer is often worth far less than any other part of the problem. I care about good mathematical process over anything else. Always, always show your work. Because showing your work is important, I will mark down for extremely messy work or for bad notation.

As I recognize that life is sometimes hectic, the lowest homework grade and lowest quiz grade will be dropped. Exam scores will not be dropped or replaced.

At the end of the semester, your final letter grade will be determined *roughly* as follows:

90% or higher	A
Between 80% and 90%	B
Between 70% and 80%	C
Between 60% and 70%	D
60% or lower	F

Any deviations from the above rubric will only be to your benefit.

4. Homework

There will be a homework assignment due every Friday (and generally assigned a week prior). I will collect your homework at the start of the day's assessment, grade it based solely on effort, and return it to you at the end of class. You are not required to have completed every problem. Homework questions will mostly come from odd numbered problems and the answers will be available to you at the back of your textbook. As such, in order to receive full credit, you must show your work. Sometimes additional questions outside the textbook will be given. To incentivize good homework practices, I will often borrow homework problems for quizzes and tests.

In the case of a pre-arranged excused absence (e.g., for a sporting event), I would still like you to turn in homework. For all other excused absences (e.g., a sudden illness), you do not need to turn in homework, and the score will be dropped.

The most recent material covered in a given homework will be the material covered on the Monday of the week the homework is due.

Also, all homework can be turned in virtually on Canvas. If you are currently quarantining, this is the way to hand in your work.

5. Quizzes

Quizzes will be given every Friday at the end of class, unless there is an exam that week. They will generally last for twenty minutes. There will not be any make-up quizzes. If you have an excused absence, then the score will simply be dropped: it will have no impact on your grade.

The most recent material covered in a given quiz will be the material covered on the Monday of the week of the quiz. The first quiz will be given January 14th and will cover material from the syllabus and review topics.

6. Midterms

There will be three midterms during this semester.

Exam 1	Friday February 4, Week 4
Exam 2	Friday March 4, Week 8
Exam 3	Friday April 8, Week 12

Midterms will be held in class and last the full class period. If you are late to class, you will not be granted additional time to complete your midterm. Midterms are *not* cumulative and will only cover material discussed in class since the previous midterm. The cut-off date for new material for a given midterm will generally be the Friday the week before of the midterm: material from the week of the midterm will *not* appear on the exam.

7. Extra Credit Opportunity

You will have an opportunity to recoup one point on the grade of any quiz or exam, up to a maximum of 100%. (As quizzes are worth 10 points, one point corresponds to 10% of your quiz grade.) To earn your extra credit point, you must visit an on-campus tutor in the week after the quiz or exam has been returned to you. You must have the tutor sign a form, which will be provided to you, and return it to to the instructor within a week of the assessment being handed back.

8. Final

As our class uses a non-standard class time, we do not yet know when we will be taking the final. However, you will be informed as soon as possible as to exactly when and where the final will take place.

The final will consist of two parts. The first part will be essentially a fourth midterm over the material you have not yet been tested on. The second part will be a review of the material learned throughout the semester. The two parts will be of similar length and point total.

9. Project

This semester we will be doing a slightly different project. You will be asked to give two short presentations to me, summarizing the key points from a mathematical news article. I will provide you with a selection of articles to choose from, and you can pick whichever you are most interested in, provided you do not choose the same article as another student. Projects will be due in week 7 and week 14. (That's the week before exam 2 and the week before the final.)

10. Additional Comments

(1) Exceptions to the above rules will be made in the case of extreme circumstances.
(2) There is no special attendance policy for this course.
(3) Please note that January 24th is the census date for this course, which is the deadline for all registration and schedule changes.
(4) Cheating on quizzes or exams is strictly prohibited and carries severe consequences, up to and including expulsion from the university. You are, however, actively encouraged to work together on homework assignments, provided you write up your own solutions and hand them in independently.
(5) Calculators, phones, tablets, laptops, or any other computing or communication devices are not permitted on quizzes or tests. Use of them will be considered cheating.
(6) If you believe I have graded a quiz or exam in error, come see me at the end of the class in which I handed it back. Leaving class with the quiz or exam means you accept the grade you have been given.
(7) I frown upon the use of erasers on quizzes and tests. They make me sad. If you think your work is wrong, cross it out. Do not erase! I cannot give partial credit for work that has been erased and I can no longer read.
(8) Important campus-wide policies that you should be aware of can be found at the following link: https://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf

UT Tyler Resources for Students.
- The Mathematics Learning Center, RBN 4021. This is an open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu
- UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu
- UT Tyler Counseling Center (903.566.7254)

This syllabus is a general guideline for the course. Deviations may be necessary as the semester progresses.