Calculus II
MTH 1322 Sections 03 & 05

Instructor: Dr. Tracy Weyand
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Office Location: Sid Richardson 347
Office Phone Number: (254) 710-6058
Office Hours: Monday 2:30-3:30 pm
        Wednesday 10:00-11:00 am
        Thursday 1:00-3:00 pm
        or by appointment

Class Schedule: Section 03 MWF 11:15 am - 12:05 pm SDRICH 213
        Section 05 MWF 1:25 - 2:15 pm SDRICH 213

Course Description: Integral calculus of a single variable, differential equations, slope fields, and power series.

Prerequisite(s): A grade of C or above in MTH 1321.

Materials

- **Required:** *Calculus: Early Transcendentals, Single Variable* by Jon Rogawski, Second Edition (2012), ISBN 9781429231831

- **Optional:** *Calculus: Early Transcendentals, Single Variable Student's Solutions Manual* by Brian Bradie and Roger Lipsett (2012), ISBN 9781429255004

- **Recommended:** Many students find a graphing calculator to be useful in this course. The Department of Mathematics recommends a TI-89, but any device that graphs will suffice. **The use of calculators will not be permitted during any exam.** This means that while they may assist you with homework, you must also be prepared to solve the problems without a calculator.

Assessments

Homework/Quizzes/Journal: Homework will be collected about once a week at the beginning of class. Assignments and due dates will be posted on Canvas. Quizzes will also be given regularly. They will be given at the beginning of class and extra time will not be given if you arrive late.

As soon as possible after each class, spend five to ten minutes writing in your math journal (a permanently bound notebook with nothing else in it). You should write two or three sentences about the main ideas covered in class that day (in your own words; no theorems or formulas copied from your book or notes), and then a few questions you still have. This will be collected and graded for completeness occasionally and without warning, so **bring it to class with you every day**.

Exams: There will be three regular exams and one cumulative final exam for this course. All exams will occur in the normal classroom. **Calculators are not allowed during any exams.** The (tentative) dates for the exams are as follows:

Exam 1	September 18
Exam 2	October 16
Exam 3	November 20
Final Exam	
Section 03	December 12, 2:00-4:00pm
Section 05	December 14, 4:30-6:30pm

Attendance and Grading Policies

Attendance and Make-up Policy: The University attendance policy states that a student who misses more than 25% of the scheduled class periods **for any reason** cannot pass the course. If you miss more than 25% of the classes (which is 11 for a MWF class this semester), the grade is automatically an "F". If you miss class, you are responsible for finding out what material you missed and learning it. To find out what material you missed, please contact another student in the course.

Make-up exams will only be permitted if the absence was due to one of the following: illness, University representation, a family emergency, and limited other extreme circumstances (at my discretion). **You must inform me of the absence within 24 hours of the class period you missed or I retain the right to deny the make-up.** If you know about it ahead of time (as in the case of University representation), you must notify me before the absence.

Documentation is required before any make-up will be given. Please obtain a doctor's note if the missed class is due to illness. For a family emergency, submit an excuse from the Chaplain's Office or make certain that the Chaplain's Office notifies me of the reason for the absence.

Only the highest 9 homework and 7 quiz grades will be used to calculate your final grade even though more will be given throughout the semester. For this reason, late homework and make-up quizzes will only be accepted in extreme circumstances. If you know you are going to be absent, you may turn in your homework ahead of time.

Grades: At the end of the semester, I will report to the University the grade you have **earned** based on the point scale below. The table on the left shows the number of points each assessment is worth. The table on the right shows what your final grade will be based on how many points you earned throughout the semester. **Note: If a C in MTH 1322 is a prerequisite for another course, a C- will not allow you to register for that course.**

Assessment	Points
Journal	10
Homework	45
Quizzes	70
Exams	100 each
Final Exam	175
Total	**600**

Grade Distribution			
600 - 543 A	530 - 519 B+	470 - 459 C+	410 - 399 D+
542 - 531 A-	518 - 483 B	458 - 423 C	398 - 363 D
	482 - 471 B-	422 - 411 C-	362 - 351 D-
			350 - 0 F

Course Policies

Honor Code: *Baylor University students, staff, and faculty shall act in academic matters with the utmost honest and integrity.* This means that I have the responsibility to (1) clarify my expectations so you know what I consider to be academic misconduct, (2) report any violations to the Office of Academic Integrity, and (3) enforce consequences. A brief summary is listed below.

- You may discuss homework with others and get assistance from sources other than myself (such as the Math Lab). However, the final work you are turning in should be our own and not directly copied from something/someone else (including internet sources). You may use a graphing calculator when completing homework and feel free to check your work with a TI-89 or computer. **However, you will not receive full credit unless all work is shown in detail.**

- Quizzes and exams must be completed on your own without discussing it with anyone; I am the only person you should ask for clarifications. No books, notes, or electronic devices (**including calculators and cell phones**) are allowed out during an assessment.

There may occasionally be exceptions to these rules and if there are, they will be listed on the top of the assignment, quiz, etc. When in doubt, it is best to ask me or don't do it. Consequences will depend on the severity of the offense and may result in failure of the course. It is a student's responsibility to be familiar with the Honor Code: please see http://www.baylor.edu/honorcode for details.

ADA Policy: Any student who needs academic accommodations related to a documented disability should inform me immediately at the beginning of the semester. You are responsible for obtaining appropriate documentation and information regarding accommodations from the Baylor University Office of Access and Learning Accommodation (OALA). The OALA phone number is (254) 710-3605 and the office is in the Paul L. Foster Success Center - Sid Richardson, Room 190.

Dropping a Course: September 9 is the last day to drop the class without it appearing on your transcript. If you drop the class between September 9 and November 3, a "W" (withdrawal) will appear on your transcript. You cannot withdraw from the course after November 3.

Expectations and Assistance

Course Preparation: You should study 2 to 3 hours after each class. **This is 6 to 9 hours a week**, not including class time or preparation for exams. Since calculus builds on itself, it will be extremely difficult to earn an acceptable grade without keeping up. You need to master the previous material before coming to the next class or you will find class difficult to follow and participate in. Consistent class attendance and preparation will facilitate the ability to meet your grade expectations.

A set of problems is available at http://www.baylor.edu/content/services/document.php/161813.pdf. These problems were chosen by the department to prepare you for the final exam, so you should know how to complete all of them by the end of the semester.

Getting Help: Many students struggle academically in at least one or two courses during any given semester, and in my experience this is frequently one of those courses. If this occurs, consider the campus resources that are available to you.

- Please come to my office hours for extra assistance and clarification outside of class.

- The Math Lab is in Sid Richardson 326. It is open 3-5pm on Monday, Wednesday, and Friday, 3:20-5pm on Tuesday, and 6-8pm Monday through Thursday.

- The Paul L. Foster Success Center offers free tutoring in many subjects, including calculus. They also offer a one credit hour course (EPDP 1101) *Mind Over Math*, which begins around the fourth week of the semester.

- The math department has a list of private tutors on their webpage.

There is more information about these resources (along with links) on my MTH 1322 webpage at https://bearspace.baylor.edu/Tracy_Weyand/www/MTH1321.html.

Other Important Dates:

September 7 Labor Day	November 25-29 Thanksgiving Holiday
September 9 Last day to drop	December 7 Last day of class
October 30 Fall Break	December 10-15 Final Exams
November 3 Last day to withdraw	