Syllabus for MATH-50A-E6083

Semester & Year	Spring 2019
Course ID and Section #	Math 50A E6083
Instructor's Name	Mr. Jon Pace
Day/Time	M T W TH @ 8:15 – 9:20 AM
Location	SC 214
Number of Credits/Units	4 units

Contact Information	*Office hours*	My office is in SC 216H M W @ 12:00 – 2:00 PM **Or by appointment**
	Phone #	(707) 476-4222
	Email address	jonothan-pace@redwoods.edu **or via Canvas**
Textbook Information	*Title & Edition*	Calculus, Early Transcendentals, 5th Edition
	Author	James Stewart
	ISBN	**ISBN-10:** 0534393217 **ISBN-13:** 9780534393212

Course Description (catalog description as described in course outline):

The study of statistical methods as applied to descriptive statistics and inferential statistics.
An As stated in CR's catalog: A study of limits, continuity, and derivatives of algebraic, transcendental,
and trigonometric functions. Applications of the derivative include optimization, related rates, examples from the natural and social sciences, and graphing of functions. The course introduces the integral and the connection between the integral and derivative.

Note: A graphing calculator is required. Letter Grade Only. CSU and UC Transferable.
Prerequisites: Math 25 and Math 30 (or equivalent).

Student Learning Outcomes (as described in course outline):
1. Evaluate the limit of a function at a real number and determine if a function is continuous at a real number. Use the limit to find the derivative of a function.
2. Use the derivative to find the equation of a tangent line to a function.
3. Use the differentiation formulas to compute derivatives and use differentiation to solve applications such as related rate problems and optimization problems.
4. Analyze the rate of change of an implicit function using implicit differentiation.
5. Graph functions using methods of calculus.
6. Evaluate a definite integral as a limit.

Special Accommodations

College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact Disabled Students Programs and Services. Students may make requests for alternative media by contacting DSPS at 707-476-4280.

Academic Support

Academic support is available at Counseling and Advising and includes academic advising and educational planning, Academic Support Center for tutoring and proctored tests, and Extended Opportunity Programs & Services, for eligible students, with advising, assistance, tutoring, and more.

Academic Honesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services, and scroll to AP 5500. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is in the college catalog and on the College of the Redwoods website.

Disruptive Classroom Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process a disruptive student may be temporarily removed from class. In addition, he or she may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at:
http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services
and scroll to AP 5500. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is in the college catalog and on the College of the Redwoods website.

Emergency Procedures for the Eureka campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: (http://www.redwoods.edu/Eureka/campus-maps/EurekaMap_emergency.pdf). For more information on Public Safety, go to http://redwoods.edu/safety/ In an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- Once outside, move to the nearest evacuation point outside your building:
- Keep streets and walkways clear for emergency vehicles and personnel.
- Do not leave campus, unless it has been deemed safe by the Incident Commander or campus authorities. (CR's lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

RAVE – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary to receive emergency alerts. Please go to https://www.GetRave.com/login/Redwoods and use the "Register" button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with "redwoods.edu." Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions.

College of the Redwoods is committed to equal opportunity in employment, admission to the college, and in the conduct of all its programs and activities.

Materials you will need:

Required Text: *Calculus, Early Transcendentals* by James Stewart

           There are plenty of books available for semester checkout from the library. If want your own book you can find it for cheap online.

Graphing Calculators: A graphing calculator is required for this course. You may rent one from the Math department for $15 per semester. Follow this link for more specific details:
https://www.redwoods.edu/math/Resources/Calculator-Rentals

Phone Apps: For Droid OS: Wabbitemu   (free)

          After downloading:
1. Choose **"Help me create a ROM …"**   option
2. Choose TI-84 Plus C SE   (very bottom)

          For Iphone OS: GraphNCalc83   ($5.99)

Recommended

1. Math Lab: Math52 (1 or ½ unit) or Math 252 (non-credit)
   https://www.redwoods.edu/math/Lab

2. I would recommend forming study groups to work on homework & prepare for exams.

3. The Academic Support Center in the library offers individual & group tutoring by appointment.

Classroom Environment

It is essential to our class that both students and teacher behave in a manner that will provide a comfortable learning atmosphere. Be respectful of one another. We are all adults and an open, comfortable environment is crucial for learning. Therefore, you should not hesitate to ask any questions, feel embarrassed to ask any question, or seek help. ***Turn cell phones to vibrate before entering the classroom.***

Exams

There will be 4 semester exams comprising 35% of the course grade & a cumulative final exam worth 15% of your course grade. I will notify you at least one week in advance as to the date of each exam. Before each exam, I will post a practice exam on Canvas. All exams need to be taken in class on the day of the exam or in the ASC with proper authorization. You can only make up a missed exam if you notify me *PRIOR* to the exam being given.

Final Exam: Monday, May 13th @ 8:30 – 10:30 AM

This is the only day the final will be offered. *Make your travel plans accordingly*.

Homework

Online Homework: Each section will have an online homework assignment. The assignments will be post on the website MyOpenMath:
https://www.myopenmath.com/index.php

Course ID: **43581**
Enrollment Key: *(Leave this blank!)*

Each homework assignment will also be posted on Canvas in the weekly module that the section was covered. You can also find each homework assignment in Canvas by clicking "Assignments" in the list on the left of our Course page. Each assignment in MyOpenMath (MOM) will be open for 4 days during which time you will have unlimited attempts at each problem. It is critical that you do the homework while the material is still fresh in your mind. This is where much of your actual learning in this course takes place.

Written Homework: Each week I will post a written assignment on Canvas under the module "***Written Homework***". Assignments are due at the beginning of class the following Monday. I will drop your single lowest written homework score.

Quizzes

There will be a quiz every Thursday at the beginning of class. You will to given 5 – 10 minutes to complete the quiz from the time the quiz is handed out. If you are late you will have less time to do the quiz so, please be on time! The quizzes will be on the material covered the week prior. You can only make up a quiz if you notify me *PRIOR* to the quiz being given. I will drop your single lowest quiz score.

Grades

Your final grade will be determined as follows:

Online Homework: 20 %
Written Homework: 15 %
Quizzes: 15 %
Exams: 35 %
Final Exam: 15 %

The grade breakdown is as follows:

A	93 - 100%		C+	77 - 79%
A-	90 - 92%		C	70 - 76%
B+	87 - 89%		D	60 - 69%
B	83 - 86%		F	0 - 59%
B-	80 - 82%			

Mathematics Department Policy Regarding "Faculty Withdrawal" of Students after Census Day

It is the policy of the College of the Redwoods Math Department to exercise a "Faculty Withdrawal" for any student who has missed more than 15% of the class meeting time (prior to the drop deadline), due to the severely diminished likelihood of a successful outcome in the course. It is important to note that, if it is the student's intention to withdraw from the course, the responsibility remains with the student to ensure the proper paperwork has been filed – that is, students are not to assume the teacher will file the "Withdrawal" automatically.

Important Dates

Last day to **Add** a course.	Jan. 25th
Last day to drop a course without a **W** & **with a refund.**	Feb. 1st
Last day to file Pass/No Pass option	Feb. 15th
Presidents' Day Weekend – No Class	Feb. 15th – Feb. 18th
Last day to petition to graduate	Mar. 3rd
Spring Break – No Class	Mar. 18th – Mar. 23rd
Last day to drop a course with a **W** & **without a refund.**	Apr. 5th
Last day for faculty-initiated withdrawal without a refund.	Apr. 5th
Final Exam Week	May 13th – May 17th

Guidelines for Written Homework

1. I must be able to read your work. If I cannot read your writing, you will not get credit for that problem.

2. You must answer questions in complete, grammatically correct sentences when appropriate. More explanation is almost always better than less explanation.

3. Show your work – ***do not just turn in a list of answers***.

4. If you use more than one sheet of paper, staple the pages together in the upper left-hand corner.

5. **If you rip your pages out of a spiral notebook, *REMOVE THE FRILLIES!!***

* **This syllabus is subject to change. I will notify you in class & on Canvas should this become necessary.**