

# Mathematics 2243: Calculus III

Spring 2013 Course Syllabus

**Instructor:** Dr. John Paul Cook

**Office:** Austin Hall Room 110a

**Office Hours:** Monday 10:10am-11:10am, 2pm-5pm

Tuesday 3:00pm-5:00pm

Wednesday 10:10am-11:10am

Thursday 3:00pm-5:00pm

Friday 10:10am-11:10am

If my regular office hours do not fit your schedule, please feel free to arrange another time to meet. I also have an open door policy – please feel free to drop in anytime the door is open. Success for my students is a very high priority for me, and *helping my students learn mathematics is a pleasure, not an inconvenience.*

**Email:** [jpcook@usao.edu](mailto:jpcook@usao.edu)

**Phone:** (405) 574-1279

**Course Website:** All course documents will be posted at [www.johnpaulcook.com](http://www.johnpaulcook.com).

**Textbook:** *Thomas' Calculus, 11<sup>th</sup> Edition* by Weir, Hass, and Giordano

## Grading:

3 Midterm Exams (3 x 50 points each)	150 points	50% of overall grade
Daily Quizzes (Participation)	30 points	10% of overall grade
Homework Quizzes	45 points	15% of overall grade
Final Exam	75 points	25% of overall grade
Total	300 points	100%

**Grading Scale:** Let  $x$  represent the total amount of points earned.

A:  $270 \leq x \leq 300$     B:  $240 \leq x < 270$     C:  $210 \leq x < 240$

D:  $180 \leq x < 210$     F:  $x < 180$

Note: Exams and final grades will be not be curved or adjusted.

**Quizzes:** Notice that quizzes and participation are afforded an equal weight as the final exam. There are two kinds of quizzes in this class: daily quizzes and homework quizzes. Daily quizzes will occur nearly every class period and will cover the notes from the previous class. Each of these quizzes will be graded out of 10 points, and you will earn 5 out of the possible 10 simply for being present in class (consider this the “participation” component of the grade). At the end of the term, the daily quizzes will be totaled and scaled down to 30 points (10% of the overall grade). For example, if you have taken 25 daily quizzes for a score of 225/250, your scaled grade will be 27/30.

Homework quizzes will take place in class each time a homework assignment is due. The quiz will consist of questions taken directly from the homework assignment and will be graded for correctness. Each of these quizzes will also be graded out of 10 points, and you will earn 5 out of the possible 10 by submitting a completed homework assignment along with the quiz (the homework assignment itself will be graded on a completion basis). At the end of the term, the homework quizzes will be totaled and scaled down to 45 points (15% of the overall grade). For example, if you have 10 homework quizzes for a score of 90/100, your scaled grade will be 40.5/45.

Additionally, for each class period, one student is expected to submit detailed notes. It should include a thorough summary of the topics and concepts covered in that day's class, as well as specific concepts and insights that you found particularly interesting and relevant. The notes should be *legible* (if your handwriting is particularly unreadable, you are encouraged to rewrite or type the notes). For each timely and thorough submission of these notes, the student will receive full credit for one homework quiz. Students shall submit notes an equal number of times over the course of the term.

*There will be no make-ups for missed quizzes.* At the end of the term, four daily quiz grades and one homework quiz grade will be dropped to account for excused absences (as well as showing up to class late after the quiz has been given). If you have exemplary attendance (and the drops are not needed to account for absences) at the end of the term, these drops will be applied to your lowest grades.

### **Additional Course Policies and Recommendations:**

**The best way to learn mathematics is to regularly do mathematics yourself.** The material covered in this course is not easy, and the best way for you to learn it is to work a large amount of homework problems on a regular basis (including reworking examples from your class notes). Coming to class and taking notes is not sufficient to earn a passing grade – generally, 1 hour of undergraduate level credit corresponds to 1 hour in class and 2 hours outside class (this is why 15 hours is considered “full time” – 45 total hours).

Please note that working the assigned homework problems does not guarantee a mastery of the material – the amount of practice needed for each concept will be different for each student. In most cases, the assigned homework is the *minimum*. Among other benefits, this will help you to stay current with the material being covered in class. Cramming is not an effective way to study mathematics! Studying two hours a day over seven days, for example, is far more effective than seven hours a day over two days.

**Phone and laptop policy:** Portable electronic devices are not to be used during class without permission because they are a distraction, both to me and to other students. Please turn off all devices and keep them out of sight until the end of class. Failure to comply with this policy may result in negative consequences imposed in regards to your grade.

**Exams:** The exact dates for exams will be announced at least one week ahead of time in class. Each student is expected to be present for each exam. If you have to miss an exam for an unavoidable, legitimate, and documented reason, you may be granted the opportunity to schedule a makeup exam. You are much more likely to be granted a make-up exam if you let me know about your excused absence (and provide documentation) *before* the exam.

**Withdrawal Policy:** Until January 11th, there is no record of a grade for dropped courses. From January 12th through February 8th, you will receive an automatic W for a dropped course, *no matter what scores you have so far achieved*. From February 9th until April 5th, requests to drop the course will be handled as follows: if you are currently passing the course (D or higher), you will receive a W. Otherwise, you will receive an F. This is not negotiable. *Avoidance of a failing grade is not sufficient reason to obtain a W.* The class may not be dropped after April 5<sup>th</sup>.

**Students with Disabilities:** If you have a documented disability that you feel will prevent you from reaching your full potential in this class, please notify me as soon as possible.

**Academic Dishonesty:** Academic dishonesty in any form is a violation of the Academic Code of Conduct and will not be tolerated. There is a zero-tolerance policy in this course for any form of plagiarism, fabrication, cheating, forgery, or any other type of academic dishonesty. For more on the Academic Code of Conduct, please see the student handbook: <http://www.usao.edu/home/student-services/student-handbook>.