

# Calculus II for Engineers

MAT 266  
Summer 2013 Session 2

Instructor:	Donnie Adams		
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Office Hours:	MTWTh 10:00am to 11:00am, and by appointment	Course Website:	thedadams.com/Teaching.html

**Prerequisites:** MAT 265 or MAT 270 (Calculus I) with a grade of C or better.

**Textbook:** Essential Calculus (2nd edition), Early Transcendental, by James Stewart (Brooks/Cole)

**Grading:**

Homework	30%
Tests	50%
Final	20%

**Grading Scale:**

A+	A	A-	B+	B	B-	C+	C	D	E
[97,100]	[92,97)	[90,92)	[88, 90)	[82, 88)	[80, 82)	[78, 80)	[70, 78)	[60, 70)	[0, 60)

**Final Exam:** There will be a comprehensive exam given in class on Tuesday, August 13.

**Calculators:** A graphing calculator is allowed (TI-83, TI-84, TI-85, TI-86, or Casio 9800 series). Calculators with QWERTY keyboards or those that do symbolic algebra such as the TI-89 and TI-92 may not be used during an exam.

**Course Policies:** Students are responsible for assigned material whether or not it is covered in class. Students are also responsible for material covered in class whether or not it is in the text. Working regularly on assigned problems and attendance in class are essential to success in this course. Homework will be collected at the beginning of class. No late homework will be accepted and no make-up quizzes will be given. Make-up exams are at the discretion of the instructor. In any event, no make-up exam will be given unless the student has notified the instructor **before** the test is given. Email is my preferred tool of communication, but messages may also be left at the main office (480-965-3951). You must make every reasonable effort to notify me before the exam is given and document your reason for missing the exam.

**Attendance:** Attendance is mandatory; missing more than one summer class will result in a grade of EN, failure due to nonattendance. Due to the nature of mathematics, where understanding new material depends on understanding the material covered in previous sections, it is imperative that students attend all class sessions. Students absent for university sponsored events must make arrangements for making up the work they will miss before they are absent. Please note that excused absences are still counted as missing a class.

**Withdraw Deadline:** July 23, 2013. It is the student's responsibility to verify that she/he has in fact withdrawn from a class.

**Homework:** Homework will be a very important part of your learning. You cannot and should not expect to solve all assigned problems easily; some problems will require more time and effort than others. Try to emphasize understanding rather than memorizing when you are working on problems. I recommend that you form study groups to work together on the problems; however, each student must submit her or his own individual work (to avoid plagiarism, I recommend that students discuss the problems together, but write their solutions independently of one another). Expect to spend 6-10 hours weekly on homework, getting help in the Engineering Tutor Center, etc. To earn full credit on homework, solutions must be neat and legible with all work leading to a final answer shown. No late homework will be accepted. Homework problems for a given section will be due during the class immediately following the class in which the section was completed.

**Class Etiquette:** Do not disturb/distract those around you. That is, do not carry on conversations; turn off your cellphone, no texting, no ipods/walkmans, etc. Also arriving consistently late or leaving early is highly disruptive.

**Honor Policy:** The highest standards of academic integrity are expected of all students. The failure of any student to meet these standards may result in suspension or expulsion from the University or other sanctions as specified in the University Student Academic Integrity Policy. Violations include, but are not limited to, cheating, fabricating, tampering, plagiarism, or facilitating such activities. For more information on academic integrity, including the policy and appeal procedures, please visit <http://provost.asu.edu/academicintegrity> and see the Student Conduct Statement below.

**Ethics:** It is highly unethical to bring to your instructor's attention the possible impact of your mathematics grade on your future plans, including graduation, scholarships, jobs, etc. The instructor may exercise an option to withdraw you from the course if he or she thinks you are compromising the ability to assess your work independently of any other consideration. Students found to be involved in academic dishonesty will be removed from the class and a grade of XE for the course will be submitted to the registrar. The student will be advised to repeat the course with another professor, possibly at another institution. This is the least serious action taken. Further, more serious actions may be taken if the situation indicated that such actions are appropriate. We will act very harshly against cheating during quizzes or exams.

**If You Need Help:** Please attend my office hours. If the posted times do not work for you, arrange an appointment with me that fits your schedule. Free tutoring is available at the Engineering Tutor Center (ECF 100 10am-4pm M-Th, 10am-3pm F). See <http://engineering.asu.edu/students/tutoringcenter> for more information. The math tutoring center offers free tutoring (PSA 116 10am-4pm M-F). See <http://math.asu.edu/mathtutors> for more information.

**Final Exam Makeup Policy:** Except to resolve those situations described below, no changes may be made to the final exam schedule without prior approval of the Dean of the college in which the course is offered. Under this schedule, if a conflict occurs, or a student has more than three exams on one day, the instructors may be consulted about an individual schedule adjustment. If necessary, the matter may be pursued further with the appropriate dean(s). This procedure applies to conflicts among any combination of Downtown Phoenix campus, Tempe campus, Polytechnic campus, West campus, and/or off campus class. Make-up exams will NOT be given for reasons of a non-refundable airline tickets, vacation plans, work schedules, weddings, family reunions, and other such activities. Students should consult the final exam schedule before making end-of-semester travel plans.

## Tentative Schedule

Dates	Sections
7/03	Review, 5.5
7/05	5.5, 6.1, 6.2
7/08	6.2, 6.3
7/09	6.3, 6.4
7/10	6.4, 6.5
7/11	6.5, Review
7/12	Test 1 in class
7/15	6.6, 7.1
7/16	7.1, 7.2
7/17	7.2, 7.3
7/18	7.3, 7.4
7/19	7.4, 7.5
7/22	7.5, Review
7/23	Test 2 in class
7/24	8.1, 8.2
7/25	8.2, 8.3
7/26	8.4, 8.5
7/29	8.6, 8.7
7/30	8.7, Review
7/31	Test 3 in class
8/01	9.1, 9.2
8/02	9.2, 9.3
8/05	9.3, 9.4
8/06	9.4, Review
8/07	Catch-up Day
8/08	Catch-up Day
8/09	Catch-up Day
8/12	Review
8/13	Final Exam in class

Test 1 will cover sections 5.5 to 6.5.

Test 2 will cover sections 6.6 to 7.5.

Test 3 will cover sections 8.1 to 8.7.

The final exam is cumulative and may cover any material taught in class or covered in the homework.

**Note:** The instructor reserves the right to create class policies in regards to due dates, late assignments, etc. The syllabus is subject to change or revision at the instructor's discretion; announcements made in class are considered addenda to the syllabus.