

MAT 251 Calculus for Life Sciences – Fall 2008

Instructor: Sarah Hews **Office:** PSA 844
Email: shews@asu.edu **Webpage:** mathpost.asu.edu/~sarah
Class SLN, Days and Times: SLN 75913 T-Th 1:30-2:55 ECG-218

Text: *Calculus for the Life Sciences*, 1st Edition; by Bittinger, Brand, and Quintanilla; Addison-Wesley Publishing; ISBN 0-321-27935-2. **Required!**

Prerequisites: Students are expected to have completed MAT 170 (Precalculus) or an equivalent with a grade of A, B or C.

Graphing calculator: A graphing calculator is required for this course. The recommended models are TI-83 and TI-83 Plus. Any calculator that has a computer algebra system (CAS) will not be allowed on exams and quizzes. This includes, but is not limited to, the Casio FX2, Casio 9970GS, TI-89 and TI-Titanium. If a student is found using one of the models that is not permitted on an exam, the student will receive (at minimum) a zero for that exam. Cellular phone calculators are not permitted. Also, the sharing of calculators is not allowed on exams or quizzes.

Homework & group work: You will be assigned a mixture of written homework from the text and WeBWorK problems from the computer (Go to <http://webwork.asu.edu/> and find the instructor link under "MAT 251." Log in using your ASUrite ID and password.). Your instructor will establish the protocol for submission and due dates.

Holidays: Labor Day, Monday September 1, 2008. Veteran's Day: Tuesday November 11, 2008. Thanksgiving: Thur/Fri Nov 27 and Nov 28, 2008.

Midterm exams: You will take three exams during the semester. Each will involve a mix of mechanical skills and conceptual reasoning. The best preparation is regular attendance and completion of assigned homework. Makeup exams are given at the discretion of the instructor and only in the case of a verified medical or other documented emergency. If previously made vacation plans will cause you to miss an exam, you should change those plans or drop the course.

Exam dates: Exam 1 will be held Thrs/Fri September 11 and 12, 2008. Exam 2 will be held Wed/Thu October 15 & 16, and Exam 3 will be held Mon/Tue Nov 24 & 25.

Points Allocation: Three midterm exams: 50%. Homework, group work and other quizzes and activities, 25%. Final Exam: 25%.

Grades: A [90,100], B [80,90), C [70, 80), D [60, 70), E: below 60. Plus and minus grades follow the usual ASU protocol.

Testing center: The midterm exams will be given in the Testing Center (PSA - 21) on the dates indicated on the exam schedule. In order to be admitted to the testing center each student must have a valid ASU "Sun Card". Your calculator memory may be viewed and cleared during exams. Any suspicious material in your calculator memory will be regarded as cheating. Electronic devices, including (but not limited to) cell phones, Blackberrys, iPods, headphones, etc, must be turned **OFF** and stowed during the exam. **Answering, accessing, or using a cell phone's photography features during the exam is grounds for failure and Academic Dishonesty procedures.** Also, calculator covers must be put away during the exam.

Final exam: The *cumulative* final exam will be taken in the regularly assigned classroom according to the final exam schedule. According to ASU policy, final exams can be rescheduled only under the following circumstances: (1) religious observance, (2) two finals scheduled at the same time, or (3) more than three exams scheduled on the same day. No final exams will be rescheduled for personal reasons. **Reading Day:** Dec 10, 2008. **Final Exam** Dec 16, 2008 12:10-2:00 PM.

Tutor center: The Math Tutor Center in PSA 116 will be open Mon-Thurs 8:00am-8:00pm, Fri 8:00am-3:00pm, Sat and Sun noon-4:00pm. Use the tutor center to help with class assignments and exam preparation. In order to be admitted to the Tutor Center each student must present their valid ASU Sun Card. The tutor center is free for students enrolled in an FYM course.

Note: The instructor has the right to change this syllabus as he sees fit. Any changes will be announced in class. It's the student's responsibility to attend class and thus be aware of these changes.

Cell Phones and Electronic Devices: Please be courteous and turn your cell phones and other devices off or silent during class. Absolutely no talking or texting on your cell phone/devices during class. Photography is prohibited under all circumstances and will not be tolerated.

week of	topics	exams
Aug 25	1.1	
Sept 1	1.2, 1.3	
Sept 8	4.1, 4.2	exam 1
Sept 15	1.4, 1.5, 2.1	
Sept 22	2.2, 2.3, 2.4	
Sept 29	2.5, 2.6	
Oct 6	2.7, 2.8	
Oct 13	2.8, review	exam 2
Oct 20	4.5, 2.5	
Oct 27	2.9, 3.1	
Nov 3	3.2, 3.4	
Nov 10	3.5, 5.1	
Nov 17	5.5, 5.6	
Nov 24	5.6, review	exam 3
Dec 1	5.2, 5.3, 5.4	
Dec 8	5.9, review	

Departmental & University Policies and Procedures

Departmental drop back: Based on advising from the course instructor, a student may elect to drop back to a lower level math course before the drop back deadline. Students should go to the Undergraduate Mathematics Office in PSA 211 to initiate a drop back request.

Withdrawal: A student may withdraw from a course with a grade of 'W' during the withdrawal period. The instructor's signature is not required. In person withdrawal deadline is Friday, 10/31/2008, and on-line withdrawal deadline is Sunday, 11/2/2008. Complete Withdrawal: December 9, 2008.

Instructor-initiated drop: At the instructor's discretion, any student who has not attended class during the first week of classes may be administratively dropped from the course. However, students should be aware that non-attendance will NOT automatically result in their being dropped from the course.

Incomplete: A grade of incomplete will be awarded only in the event that a documented emergency or illness prevents a student who is currently passing with a C or better from completing a small percentage of the course requirements. A student with an incomplete must make up the final within one calendar year.

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 of academic integrity include, but are not limited to, cheating, fabrication, tampering, plagiarism, or facilitating such activities.

Ethics: Informing the instructor about the possible impact of your grade on future plans (such as graduation, scholarships, and jobs) is unethical. The instructor may withdraw you from the course if you compromise his/her ability to objectively assess coursework. Students involved in academic dishonesty will be removed from the class with a grade of XE, "failure due to academic dishonesty." More serious actions may be taken as appropriate.