

MATH 2072 - CALCULUS II
Fall, 2009

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Office Hours: Mondays 9:00-9:50 and 12:00-12:50, Wednesdays 9:00-9:50,
Fridays 9:00-9:50 and 12:00-12:50, or by appointment.

Textbook: *Essential Calculus: Early Transcendentals*, by James Stewart.

Calculator: You may wish to use a calculator while working homework in order to make the arithmetic easier or to check your answers. However, calculators will **NOT** be allowed during exams.

Prerequisite: A grade of C or better in Math 1161

Description/Purpose of Course: In Calculus II, we will pick up where Calculus I left off. After learning the basics of integration, we now focus on different techniques and applications of integration. Other topics will include differential equations, parametric equations, polar coordinates, sequences, and series.

Homework: A homework assignment will be given each class over the material covered that day. The homework will not be collected, but it is fundamental to your understanding of the subject. There is usually a high correlation between students that do their homework and students that perform well on exams.

Projects: To provide you with an introduction to using Maple, there will be two projects that you will be expected to do outside of class. Each project will be worth 25 points. Two points will be deducted for each day that a project is turned in late and projects will not be accepted once the grading is complete.

Exams: There will be 4 in-class exams (100 points each) and one comprehensive final exam (200 points). At the end of the semester, each student will be allowed to drop their lowest exam grade and replace it with the percentage grade on their final exam, provided that doing so is beneficial to the student's grade. **NO MAKE-UP EXAMS WILL BE GIVEN FOR ANY REASON!** If you miss an exam, it will be the grade that you drop.

Attendance: Students are expected to attend all classes. If a class is missed, it is the student's responsibility to find out about missed material. Attendance will be taken for the first two weeks of class so that I can determine who is enrolled. As with homework, there is usually a high correlation between students that attend all classes and students that perform well on exams.

Withdrawing: If a student wishes to withdraw from the course, s/he must come and speak with me. If a student withdraws after late registration and by midterm, they will receive a W. Any student withdrawing after midterm will receive a WF.

ADA Accommodations: Any student who may require special accommodations due to a disability should contact the Office of Disability Services in the Division of Student Affairs and should come and speak with me privately as soon as possible. I will work with the Office of Disability Services to provide accommodations according to their documented needs.

AASU Honor Code: The University's policies in regards to the Honor Code and Code of Conduct will be upheld in this class (see catalog p.350). In particular, any student caught cheating will receive a grade of F in the course and may be subjected to further disciplinary actions, possibly including expulsion from the university. Note that sending or receiving text messages during exams will be considered cheating.

Tutorial: I will be available during my posted office hours or at other times by appointment only. In addition, there are tutorial services available through the Math Tutorial Center in 206 Solms Hall.

Other: Towards the end of the semester, students usually inquire about extra credit. No extra credit will be available in this course. If you keep up with your homework and study daily, there will not be any need for additional points.

RESPECT YOUR CLASSMATES!

Failure to respect the following may result in point deductions on exams or your dismissal from class:

- If you bring a cell phone or blackberry to class, then it must be turned OFF!
- Show up to class on time.
- Do not leave class early.
- Do not have conversations with classmates during class. If you have a question, raise your hand and ask me.

Grade Distribution:

Projects	50
Exams	400 (300 with dropped exam)
Final	200 (300 with dropped exam)
Total	650

Letter Grades will be assigned on a standard 10-point scale (100% – 90% A, 89% – 80% B, 79% – 70% C, 69% – 60% D, 59% – 0% F).