MTH 171 – Calculus I
Spring 2012

Instructor: Carol Overdeep  Office: OM 429
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Office Hours: Daily 1–2:30; by appointment, or drop in
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Other: Coursepack of class notes

Course Prerequisite: MTH 122 or equivalent with a C– or better

Course Objectives:

♦ Lay the mathematical foundation for further study in mathematics, basic sciences, or engineering.
♦ Provide a thorough introduction to the theory and applications of differential calculus.
♦ Introduce the foundations of integral calculus.
♦ Develop new problem solving skills and enhance critical thinking abilities.

Exams and Grading:

♦ Homework 20%  IMPORTANT: NO EXTRA CREDIT
♦ Exams 1/2/3 45% (15% each)
♦ Gateway Exam 10% Wednesday, 2/29/12 *(subject to change)*
♦ Final 25% Wednesday, 5/9/12, 10:15–12:15

Homework

♦ Homework may be done in groups (each student must hand in an assignment).
♦ Homework *may* be an in-class assignment. These can not be made up.
♦ Assigned problems are on a separate handout as well as on my webpage.
♦ Due dates will be announced in class.
♦ You **must** show your work to receive full credit (where applicable).
♦ **Late homework will be penalized/not accepted.**
  o Homework will be considered late if not in my office by 2:30 on the due date unless prior arrangements have been made.
  o Homework will **not** be accepted after the assignment is returned to the class unless prior arrangements have been made.

Exams 1/2/3:

♦ Make-up exams will **not** be possible without prior arrangements–and the reason for missing an exam must be compelling and perhaps more importantly, documented. Exams taken after the scheduled date will be more difficult.
♦ Exams will resemble homework problems and problems done in class.
Gateway Exam:

- Will consist of basic problems finding derivatives without a graphing calculator. The exam will be approximately 30 minutes in length.
- Like Exams 1/2/3, a make-up for the Gateway will not be possible without prior arrangements—and the reason for missing the exam must be compelling and documented.
- You must score 75 or better on the Gateway to pass MTH 171.
- Students who do not pass will have two additional attempts outside of class.
- Passing the Gateway does not guarantee passing the class.

Final Exam:

- Will be cumulative.

General Philosophy/Attendance:

- College prepares you for a professional position.
- In the working world, you are responsible for your career and you are accountable for your decisions. For example, class attendance is expected (just as you are expected to go to work), but not required.

Important Dates:

- Last Day to Change/Add a Class: January 27, 2012
- First Exam: February 8, 2012 (subject to change)
- President’s Day (Holiday): February 20, 2012
- Gateway Exam: February 29, 2012 (subject to change)
- Second Exam: March 16, 2012 (subject to change)
- Spring Break (Holiday): March 17–25, 2012
- Last Day to Withdraw From a Class: March 30, 2012
- Third Exam: April 13, 2012 (subject to change)
- Scholar’s Day (No class): April 24, 2012
- Last Day of Classes: May 3, 2012
- Final Exam: May 9, 2012, 10:15–12:15

Students with Disabilities:

If you need course adaptations or accommodations because of a disability, if you have a medical and/or safety concern to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.

For those of you planning to take MTH 172:

If you do not earn a C– or better in MTH 171 this semester, you will not be allowed to take MTH 172 until you do!!