

# Math 172

## Spring Semester 2007

**Instructor.** Dr. Kenneth Price, Associate Professor of Mathematics.

**Contact Information.** Phone (920) 424-1057 or send E-mail to [pricek@uwosh.edu](mailto:pricek@uwosh.edu).

**Office Hours.** These are held in Swart 239.

- Mondays and Tuesdays from 2:00 – 4:00 PM
- Wednesdays from 2:00 – 3:00 PM
- Ask in person, call, or send E-mail for arranged appointments at other times.

**Web Page.** Course information is included on D2L and on the teaching area of the instructor's web page at the address below.

*[http://www.uwosh.edu/faculty\\_staff/pricek/teaching/](http://www.uwosh.edu/faculty_staff/pricek/teaching/)*

### Course Description

The main topics are definite integrals, antiderivatives, sequences, series, and differential equations. Applications in economics, engineering, physics, chemistry, and biology are also covered. Ideas will be considered from analytical/algebraic, graphical, and numerical perspectives.

**Prerequisite.** Completion of Math 172 with a grade of C or better.

**Book.** Calculus: Concepts & Contexts (3rd edition), by Stewart, Brooks/Cole. Selected sections from chapters five through eight will be covered.

**Equipment.** A graphing calculator, such as the TI-83 or TI-84, is required. No other calculator will be supported. Students may not use calculators with algebra and calculus applications, such as the TI-89 or calculators on a mobile phone or laptop computer. Students may not share calculators during quizzes or exams.

**Review Sessions.** The following class time is set aside for review.

- Up to 10 minutes at the beginning of each regular class period is available for questions. Please visit my office hours if you need more time. Study groups are encouraged.
- The period preceding an exam is reserved for instructor-facilitated, small group discussion of homework, review problems, and other preparations for the test.
- After midterm exams the instructor will provide solutions, point out common errors, and explain the grading. Feel free to ask about solutions or assignment of partial credit. Questions about grading of individual exams must wait until after class or during office hours.

# Explanation of Grading System

There are three grade components.

1. **Comprehensive Final Exam.** The final exam is worth 40 points.
2. **Midterm Exams.** Three midterm exams are each worth 40 points for a total of 120 points.
3. **Quizzes.** The top five quizzes out of six are each worth 20 points for a total of 100 points. Quiz problems come directly from homework assignments. Quizzes will be passed out at the beginning of the class period and collected twenty minutes later.

**Makeup Policy.** In fairness to everyone, exams and quizzes must be taken at the scheduled times. No exceptions will be made unless the following conditions are met.

- Provide a written explanation. Phone messages and Email do not count.
- The reason for a makeup must be documented, verifiable, and beyond your control.
- Make arrangements in advance whenever possible.

**Attendance Policy.** Your attendance is expected. After six unexcused absences your final grade will be dropped one letter. Every two additional absences will result in the lowering of your grade by another letter. Any student with twelve unexcused absences will receive a final grade of F.

**Grading Policy.** Quiz and Exam problems should be answered completely. For most problems *a statement of the solution with no additional explanation will not be awarded full credit.*

**Final Grades.** There are 260 points possible. Your final grade is based on points earned according to the following scale.

A	237 points or more	C	185 to 197 points
AB	224 to 236 points	CD	172 to 184 points
B	211 to 223 points	D	159 to 171 points
BC	198 to 210 points	F	158 points or fewer

## Academic Integrity.

The UW System disciplinary code provides standards of academic integrity for all students. Section 14.01 of these guidelines states<sup>1</sup>:

Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors.

Examples of academic misconduct include submitting others' work as your own, cheating on a quiz or exam, tampering with the work of others, and intentionally assisting another student in any of these activities.

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<sup>1</sup>The system guidelines and local procedures are printed in the UW Oshkosh Student Discipline Code 2001-2002. Questions should be directed to the Dean of Students office.