

# Math 206

## Spring Semester 2006

Sections 004 & 005

**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, Tuesdays, Wednesdays and Thursdays from 3:00 to 4:30 p.m.
- Ask in person, call, or send E-mail for arranged appointments at other times.

**Web Page.** A schedule, syllabus, and all homework assignments are posted at the URL below.

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

### Course Description

Math 206 uses methods of calculus to solve problems analytically, graphically, and numerically.

**Prerequisite.** Completion of Math 104, Math 108, or Math 204 with a grade of C or better.

**Book.** Applied Calculus, by Hughes-Hallet, Gleason, Lock, Flath, et al., third edition. Chapters one through five and seven will be covered.

**Course Packet.** A supplement called “Applications of Calculus with MS Excel” can be purchased in the bookstore. It contains computer-based calculus projects for this class.

**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. Students may not share calculators during quizzes or exams.

**Computer Labs.** Some classes will be held in Halsey 101C. See the class schedule for exact dates.

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

- Up to 15 minutes at the beginning of each regular class period is available for questions. Please visit my office hours or the tutoring room if you need more time.
- The entire class period preceding an exam is reserved for instructor-facilitated, small group discussion of homework, review problems, and other preparations for the test.
- After exams I will provide solutions, point out common errors, and explain the grading. Feel free to ask about solutions or assignment of partial credit. But questions about grading of individual exams must wait until after class or during office hours.

**Attendance Policy.** All students are expected to attend every class, contribute to discussions, participate in activities, ask questions, and remain until the end of the period.

## Explanation of Grading System

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.

### Grade Components.

1. **Exams.** The top three exams out of four are each worth 40 points for a total of 120 points. Most exam problems do not come from the book, but they are all similar to the homework. Often material from several sections is incorporated into a single problem.
2. **Quizzes.** The top six quizzes out of eight are each worth 20 points for a total of 120 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.
3. **Computer Projects.** The eight projects are worth a total of 40 points. Students work in groups to complete their projects. Each group member receives the same score but only if he or she attends lab, finishes his or her own spreadsheet, and signs the submitted paper.

**Makeup Policy.** Students are expected to take quizzes and exams at the scheduled times. Makeups are almost never offered since a missed quiz can be used as one your two dropped quizzes and the last test, a cumulative final, can replace a missed exam.

A student seeking a makeup must submit a written explanation in advance when possible. The reasons must be documented, verifiable, and beyond the students control. Otherwise no makeup exams or quizzes will be provided. The instructor will decide if and how the quiz or exam can be made up with special consideration for fairness to all students.

**Final Grades.** There are 300 points possible. Your final grade is based on points earned according to the following scale.

A	272 points or more	C	212 to 230 points
AB	261 to 271 points	CD	201 to 211 points
B	242 to 260 points	D	182 to 200 points
BC	231 to 241 points	F	181 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.