

MATH 220 Calculus for Business and Management

Coordinator: Kathy McKenzie, mckenzie@math.binghamton.edu

Course Objectives:

The purpose of this course is to provide students a working knowledge of basic operations in calculus, including differentiation and integration of simple functions. At the end of the course the student should be able to use these techniques to graph functions and solve financial problems involving optimization, growth, and rates of change.

University "M" Credit:

Successful completion of this course satisfies the BU "M" credit requirement. Students in "M" courses will demonstrate competence in an area such as calculus, symbolic logic, the logic of computers, the logic of deductive and inductive reasoning, or probability and statistical inference.

Prerequisites:

Students must pass the Placement Test to be enrolled in Math 220. Course success depends on precalculus competency (though trigonometry is not needed). Passing the Placement Test does not necessarily signify such competence. Students who struggle with this test should seriously consider taking Binghamton University's Pre-Calculus course, MATH 108.

Attendance:

You are required to attend all classes. In case of illness or other necessary absences, notify your instructor by email. According to Harpur College policy, a student can receive a grade of F in any course for which they miss 25% or more of its meetings. Instructors reserve the right to invoke this policy.

Academic Honesty:

Academic dishonesty will be dealt with severely. A grade of "F" for the course is not unprecedented for a student who attempts to advance his/her grade illegally. Dishonesty includes but is not limited to: copying another student's work, letting someone copy your work, trying to use an electronic device during an exam, lying to or intentionally misleading an instructor, handing in modified work for additional points, or signing someone else's name to a document.

Calculators and Other Electronic Devices:

Calculators will not be allowed during any quiz or test. They may be useful for some homework assignments. No particular type is recommended.

Students may not access any electronic devices during a quiz or test. Doing so will be considered cheating regardless of the actual action or intent.

Extra Help

If you cannot make your instructor's office hours, or if you need help in addition to them, see the schedule for the Calculus Help Room in Whitney Hall, at [Help Rooms](#). The site is updated about a week after classes begin each semester.

Course text:

REQUIRED: *Math 220 Calculus for Business and Management, 7th Edition* available at the Campus Bookstore. You may use an earlier edition; check for corrections or other addenda in current edition.

Special Services:

Binghamton University is committed to full and equitable access for all enrolled students. Students requesting accommodations based on a disability must register with Services for Students with Disabilities located in UU-119 (777-2686).

Exams:

Dates for the exams will be announced within the first week of the semester.

There are four in-class (unit) exams and a comprehensive final.

There are no make-up exams except in the direst of circumstances (serious student illness or death in immediate family). If you have an emergency, contact your instructor as soon as possible *before* the exam.

The final exam is comprehensive, covering most of the material in the course.

Grading:

A 900-1000 **A-** 850-899 **B+** 800-849 **B** 750-799 **B-** 700-749

C+ 650-699

C 600-649

C- 550-599

D 500-549

F 0-499

The course grade is based on 1000 points, as follows. *However, this scheme is subject to change:*

Final exam = 300 points (30%)

In-class unit exams = 150 points each (60%)

Class performance = 100 points (10%), roughly determined by quizzes, class preparedness and attendance (per instructor discretion).

Concerning your grade:

Instructors award points based on student work. Each student's point total corresponds to the above published letter grade at semester's end. Very little (if any) subjectivity is involved in the process. Students *earn* the requisite number of points to achieve the corresponding grade.

Students choosing the Pass/Fail (or P/F) grading option need 500 points for "P."

From:

<http://www2.math.binghamton.edu/> - **Binghamton University Department of Mathematical Sciences**

Permanent link:

http://www2.math.binghamton.edu/p/people/mckenzie/math220/course_website_for_220

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