

Bowling Green State University
Department of Mathematics and Statistics
Math 1280-Precalculus Math

Course Description: Math 1280 is a 5-credit precalculus course offered in the fall, spring, and summer semester. This course is designed to provide a more fundamental review, such as algebra, than its 3-credit counterpart Math 1300.

Content covered includes: basic algebra; inequalities; functions and graphs; logarithmic and exponential functions; trigonometric functions and identities, applications and other topics. This course is not to be taken if credit for Math 1290 or Math 1300 has been received. Only earns 3 hours of credit toward graduation if credit for Math 1200 or Math 1220 has been received.

Prerequisites: Two years of high school algebra and one of geometry AND a satisfactory placement exam score, or grade of C or higher in Math 1200 or Math 1220.

Text: *Precalculus: Graphs and Models*, Third Edition, by Barnett, Ziegler, Byleen, and Sobecki. McGraw Hill Higher Education publishing, 2009.

Calculator: The TI-83 (plus) or TI-84 (plus) graphing calculator will be required for use in this class. Some work may be more difficult or impossible on other brands or models of calculators.

Quizzes: Quizzes may be given frequently. They may be announced or unannounced. You may or may not be able to use your calculator. There are absolutely no make-ups for a missed quiz; however, the lowest quiz score will be dropped.

Tests: All tests are common exams across course sections, written by the course coordinator in consultation with the course instructors. All tests are on Wednesday evenings from 7:30 p.m. - 9:00 p.m. The tests are not given in the student's regular classrooms (locations to be determined closer to test dates). Class is still held on the day of a test.

Fall 2009 test dates: Wed. **September 16** 7:30 p.m. -9:00 p.m.
 Wed. **October 21** 7:30 p.m. -9:00 p.m.
 Wed. **November 18** 7:30 p.m. -9:00 p.m.

Final Exam: The final exam will be comprehensive. It is scheduled for **Monday, December 14** 6:00 p.m.- 8:00 p.m. in a room to be determined.

Course Coverage: We will cover all or most of chapters 1 through 6.

Grades: Grades (90% and above A, 80-89% B, etc.) are to be determined according to the following:

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| Homework and/or quizzes | 15% |
| Three tests (20% each) | 60% |
| Final exam | 25% |