

MATH 155: SPRING 2012
<http://www.math.niu.edu/courses/math155>

- **TEXT:** Precalculus by Raymond Barnett, Michael Ziegler, Karl Byleen, and Dave Sobecki (McGraw-Hill 2010).
- **ONLINE TUTORING:** 18 week subscription to PreCalculus version of ALEKS: MANDATORY.
 - This can be purchased online as detailed on the course web page or purchased with the text (new or used) as a bundle at either campus bookstore.
- **SOLUTIONS:** A cd with solutions to odd numbered exercises is available for about \$7.
- **NOTE:** A package with paperback text, access code for ALEKS and the cd is also available.
- **OBJECTIVES:** This course is designed to help the student learn to perform algebraic and trigonometric calculations quickly and accurately as needed for Calculus (Math 229,..) and various applications. If you are taking this course as a prerequisite for Math 229 or to satisfy the University's core competency requirement in Mathematics YOU MUST EARN A GRADE OF "C" OR BETTER.
- **PREREQUISITE:** MATH 110 (with at least a C) or satisfactory performance on the Mathematics Placement Test.
- **REVIEW:** The course strongly builds on material from College Algebra. Further practice of these skills is developed via an online tutoring package from ALEKS.
- **STUDY:**
 - It is important that you study the material outside of class.
 - You should expect to spend at least two hours for every hour of class.
- **CALCULATORS:**
 - A scientific, **non-graphing, non text-capable** calculator is permitted and recommended, **except on some quizzes.**
 - Graphing calculators, such as the TI-82 or TI-83, may help in understanding the concepts and to check your homework; but one of the primary goals of this course is to enable you to understand and accurately and quickly perform algebraic and trigonometric manipulations by hand. Hence, **Graphing or text-capable calculators are not permitted on exams or quizzes.**
 - **Give exact answers to questions unless explicitly requested otherwise.**
- Cell phones must be silent and not used during class or exams.
- Children are not permitted in class. (Unless a registered student.)
- You are expected to arrive and depart class on time.
- **COURSE ASSISTANCE:** Students can get extra help from the Math Assistance Center, which is staffed by teaching assistants in DuSable 326 during most business hours. A schedule will be announced during the second week of class and available on the web:

<http://www.math.niu.edu/programs/ugrad/mac-sched.pdf>

Tutoring assistance is also offered by ACCESS at Grant South, Lincoln, and Douglas residence halls.

- **ACADEMIC MISCONDUCT:** Academic honesty and mutual respect (student with student and instructor with student) are expected in this course. Mutual respect means being on time for class and not leaving early, being prepared to give full attention to class work, not reading newspapers or other material in class, not using cell phones or pagers during class time, and not looking at another student's work during exams or quizzes. Academic misconduct, as defined by the Student Judicial Code, will not be treated lightly.
- **Failure to abide by the following may result in a zero score!**
 - PDA's, cell phones and graphing calculators shall be stowed and not be visible during exams or quizzes.
 - Talking or other communication between students is not permitted.
- **DISABILITIES:** NIU abides by Section 504 of the Rehabilitation Act of 1973 which mandates reasonable accommodations be provided for qualified students with disabilities. If you have a disability and may require some type of instructional and/or examination accommodation, you will need to register with the Center for Access-Ability Resources (CAAR) [<http://www.niu.edu/uhs/caar/index.asp>], the designated office on campus to provide services and administer exams with accommodations for students with disabilities. The CAAR office is located on the 4th floor of the University Health Services building (815 753-1303).

Please contact your instructor early in the semester so that we can provide or facilitate in providing accommodations you may need.