MATH 155: SPRING 2015
http://www.math.niu.edu/courses/math155

TEXT: PRECALCULUS with Unit-Circle Trigonometry by Cohen; 4th edition. A paper copy textbook can be bought from the Bookstore, or an E-book can be purchased in the web site (http://www.cengagebrain.com/micro/niumath155)

OBJECTIVES: This precalculus course deals with the following two main subjects which are needed to successfully prepare not only for the calculus sequences (Math 229, ..) but also for the courses in other disciplines.

- The exponential functions and the logarithmic functions and their applications.
- The trigonometric functions and their applications.

The functions are defined and their properties are carefully studied. In this course, students should learn to perform algebraic and trigonometric calculations quickly and accurately. Also students must understand how these functions are applied in practical real world problems. Additionally, some topics in the polar coordinates and the conic sections are studied in this semester.

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.

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 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.

You are expected to arrive and depart class on time.

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 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 will result in a zero score!
- PDA's, cell phones and graphing calculators shall be stowed and not be visible during exams.
- Talking or other communication between students is not permitted during exams.

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 Disability Resource Center, the designated office on campus to provide services and administer exams with accommodations for students with disabilities. The DRC 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.