Department:

Mathematics

Course Description:

Fundamentals of Math precedes the algebra sequence of courses. This course is designed to develop skills in the four fundamental mathematical operations using whole numbers, fractions, decimal fractions, ratio, proportion, and percent. Business and consumer applications are also included. If time permits, applied geometry and an introduction to algebra will be included.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Successfully perform mathematical operations using addition, subtraction, multiplication, and division with whole numbers, fractions, decimals, and signed numbers.
2. Compute percentages.
3. Successfully use fundamental math operations in everyday situations.
4. Feel confident with regard to basic math abilities.
5. Successfully begin the algebra sequence of courses.

Course Content:

A. Whole Numbers
B. Fractions
C. Mixed Numbers
D. Decimals
E. Ratios and Proportion
F. Percent
G. Signed numbers
H. Other topics as time permits

Learning Assessments:

Course competencies will be assessed by using the Numerical Skills section of the ASSET placement exam.

Instructional Materials:


Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

On-Campus Students: At enrollment, any on campus student may complete a form that will allow them to self-identify any disability.

Off-Campus Regional Students: Self-identify your disability and accommodation needs with the Regional Coordinator and/or instructor, preferably prior to the first class meeting.

Online Students: Self-identify your disability and accommodation needs by contacting the Disabilities Coordinator. Students must provide their own programs to allow accessibility on their home computer.

Any student may also identify their disability by completing an online form located on the HCC homepage under Students Services/Resources/Disabilities. Questions should be directed to the Disabilities Coordinator.