

Marshall University

College of Science

Mathematics Department

MTH 102: Preparation for College Mathematics B

Course catalog description

A mastery-based course that will prepare students for College Algebra.

Credit hours

4 hours

Prerequisites

Math ACT of 18 or below

Learning objectives-Students will:

- identify different sets of numbers, compute results using elements of these sets, and convert numbers to the most appropriate form for applications.
- apply properties and use operations to manipulate and simplify numerical and algebraic expressions.
- solve equations and use graphical techniques to arrive at solutions of algebra problems.
- learn the basics of polynomials and their applications.
- factor polynomials using multiple techniques.
- perform algebraic operations on rational and radical expressions, and solve application problems involving quadratic equations.

Suggested textbooks

Developmental Mathematics Software and e-book, ISBN 1935782517 or 9781935782513, Hawkes Learning Systems.

Last updated

December 2016