Virginia Western Community College
MTE 4
First Degree Equations and Inequalities in One Variable

Prerequisites

MTE 3 or a qualifying placement score.

Course Description

Includes solving first degree equations and inequalities containing one variable, and using them to solve application problems. Emphasizes applications and problem solving. Credit is not applicable toward graduation.

Semester Credits: 1   Lecture Hours: 1

Required Materials

Textbook:
MyLabs Plus Access Code. Pearson Publishing. ISBN: 9780558927189.

Other Required Materials:
Basic calculator, Headphones, 3-ring binder

Course Outcomes

At the completion of this course, the student should be able to:
* Solve first degree equations and inequalities containing one variable and use them to solve application problems.

Topical Description

Each unit requires the student to complete eight homework assignments, a practice test, personalized review, and a final exam. Students must complete the homework assignments and review with 90% accuracy. As a minimum pace, students must complete five assignments and/or final exams every two weeks. Emphasis should be placed on learning the steps to solve the equations and inequalities, applications, and problem solving. In order to pass the unit, students must pass the final exam with a minimum score of 75%.

Homework Assignment Number	Sections Covered
1	10.1, 10.2
2	10.3
3	10.4
4	10.5
5	10.6
6	10.7, 10.8
7	10.9
8	10.10

Notes to Instructors

None.