

Cover Page

MTE 4

Developmental Mathematics

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Dean's Review:

Dean's Signature: _____ Date Reviewed: ___/___/___

VIRGINIA WESTERN COMMUNITY COLLEGE
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MTE 4

Developmental Mathematics

COURSE OUTLINE

Prerequisites and Course Description:

COURSE TITLE	CREDITS	COURSE DESCRIPTION
MTE 4: First Degree Equations and Inequalities in One Variable	1 credit	Includes solving first degree equations and inequalities containing one variable, and using them to solve application problems. Emphasizes applications and problem solving. Credit for this course can be achieved by completing the appropriate MTT course. Credit is not applicable toward graduation. Prerequisite: MTE 3 or qualifying placement score

Semester Credits: 1 Lecture Hours: 1

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Course Outcomes

At the completion of this course, the student should be able to:

Unit	Unit Name	Unit Description
MTE 4	First Degree Equations and Inequalities in one variable	The student will solve first degree equations and inequalities containing one variable, and use them to solve application problems. Emphasis should be on learning the steps to solving the equations and inequalities, applications and problem solving.

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Required Materials:

Headphones, 3-ring Binder

MTE 4 also requires a Basic Calculator

Textbook:

Foundations of Mathematics for Virginia, Access Code, Hawkes Learning, ISBN #:
9781941552643

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Topical Description:

Each Unit requires the student to complete 8 Homework Assignments, a Practice Test, Personalized Review, and a Final Exam. A student must complete the homework assignments and review with 90% accuracy. In order to pass the unit a student must pass the final exam with a minimum score of 75%. As a minimum pace, the student must complete 5 assignments and/or Final Exams every two weeks. Below is a list of which sections in the book are covered on each homework assignment.

MTE 4 – First Degree Equations and Inequalities in One Variable (Basic Calculator)

HW 1: Sections 10.1, 10.2

HW 2: Section 10.3

HW 3: Section 10.4

HW 4: Section 10.5

HW 5: Section 10.6

HW 6: Sections 10.7, 10.8

HW 7: Section 10.9

HW 8: Section 10.10

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