

# Virginia Western Community College

## MTE 1

### Operations with Positive Fractions

#### **Prerequisites**

MATH 2140 or a qualifying placement score.

#### **Course Description**

Includes operations and problem solving with proper fractions, improper fractions, and mixed numbers without the use of a calculator. Emphasizes applications and includes U. S. customary units of measure. 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:**

Headphones, 3-ring binder

#### **Course Outcomes**

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

- Solve application problems using proper fractions, improper fractions, and mixed numbers.

#### **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. All student learning outcomes for this unit must be completed without the use of a calculator. Emphasis should be placed on applications throughout the unit. Applications will use U.S. customary units of measurement. All fractions in this unit should be expressed in simplest form, unless otherwise indicated. In order to pass the unit, students must pass the final exam with a minimum score of 75%.

<u>Homework Assignment Number</u>	<u>Sections Covered</u>
1	1.1, 1.2
2	1.3, 1.4
3	1.5
4	2.1
5	2.2, 2.3
6	2.4
7	2.5
8	2.6

**Notes to Instructors**

None.