Alexandria Technical and Community College

WELD 1604: Math I

A. COURSE DESCRIPTION

Credits: 2
Lecture Hours/Week: 2
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

In this course, the learner reviews and practices basic mathematical problems using whole numbers, fractions, decimals, algebra, and geometry. This course is a prerequisite to WELD1633.

B. COURSE EFFECTIVE DATES: 12/30/1997 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Evaluate expressions involving fractions, decimals, and whole numbers.
2. Translate applied problems into mathematical expressions.
3. Perform calculations related to basic geometric shapes.
4. Apply principles of algebra.
5. Convert between various units of measurement.
6. Understand and apply the Pythagorean Theorem.

D. LEARNING OUTCOMES (General)

1. The learner will demonstrate skills in shop application of basic mathematical calculations.
2. The learner will demonstrate knowledge of math problem solving calculations using equations.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted