Alexandria Technical and Community College

MATH 0322: College Prep Technical Math

A. COURSE DESCRIPTION

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

   Students learn basic math skills to prepare them for technical math (MATH1450-1453). This course includes work with decimals, fractions, ratios and proportions, percents, and English/metric measurements. A scientific calculator is required. Learners must pass this course with a minimum grade of "C" to advance to college level courses.

B. COURSE EFFECTIVE DATES: 04/08/2008 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Decimals
   2. Fractions
   3. Ratios & Proportions
   4. Percentages
   5. Measurement
   6. Geometry

D. LEARNING OUTCOMES (General)

   1. The learner will add, subtract, multiply, and divide mathematical expressions, providing the answer in simplest form.
   2. The learner will solve related proportional and percentage problems.

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

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus

G. SPECIAL INFORMATION

   None noted