



Course Syllabus

Division: Workforce Services

Semester: Spring 2015

Course, Section No. and Course Title: MTH 103 Applied Technical Mathematics

Curricula in which course is taught: Manufacturing

Credit Hours: 3

Hours/Day Lecturer: 3

A. Catalog Description: Presents a review of arithmetic, elements of algebra, geometry and trigonometry. Directs applications to specially areas.

B. Relationship of the Course to Curricula Objectives in which it is Taught: Provides information and application of mathematical fundamentals for the technical student in several curricula.

C. Course Prerequisite (s) Required Background: One unit of high school mathematics and placement into the class

D. Course Content

- Common Fractions
Decimal Fractions
Percentage
Practical Algebra
Rectangles & Triangles
Polygons & Circles
Metric Measure
Graphs
Measuring Instruments
Trigonometry

E. Learner Outcomes

F. Evaluation:

Table with 2 columns: Learner Outcomes (1-6) and Evaluation (Three classroom test, Homework assignments, Written in-class quizzes, Attendance)

The course supports the following objectives:

DCC Educational Objectives

- Communication
Critical Thinking