Alexandria Technical and Community College

DIES 1630: Diesel Industry Fundamentals

A. COURSE DESCRIPTION
   Credits: 2
   Lecture Hours/Week: 1
   Lab Hours/Week: 2
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   This course is an introduction to the diesel industry and shop practices. Topics will include personal safety, shop safety, industry standards, industry regulations, tool usage, and shop practices.

B. COURSE EFFECTIVE DATES: 01/13/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Demonstrate ability to keep a safe work area.
   2. Recognize fasteners and applications.
   3. Display knowledge of safely and properly using/handling hazardous chemicals.
   4. Demonstrate the ability to use basic tools and specialty tooling.
   5. Demonstrate the ability to use correct industry terminology.
   6. Identify sources of service information.
   7. Locate and use paper and electronic manuals.

D. LEARNING OUTCOMES (General)
   1. The learner will understand, explain, and demonstrate safety with regard to performance and shop procedures.
   2. The learner will understand, explain, and demonstrate administrative functions with regard to performance and shop procedures.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted