Alexandria Technical and Community College

WELD 1608: Shielded Metal Arc Welding II

A. COURSE DESCRIPTION

   Credits: 1
   Lecture Hours/Week: **
   Lab Hours/Week: 2
   OJT Hours/Week: **

   Prerequisites:
   This course requires the following prerequisite
      WELD 1601 - Shielded Metal Arc I (Number of Years Valid: 5)

   Corequisites: None
   MnTC Goals: None

Learners receive instruction in proper technique for applying the SMAW welding process in all positions. Learners are given an opportunity to practice skill development with the goal of refining and enhancing their existing SMAW skill. Prerequisite: WELD1601.

B. COURSE EFFECTIVE DATES: 01/12/2009 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Demonstrate accurate sizes of welds using SMAW.
   2. Further use of the five basic joint designs.
   3. Demonstrate out of position SMAW welding.

D. LEARNING OUTCOMES (General)

   1. The learner will develop and demonstrate the skills required for producing out-of-position welds to entry level industry standards on steel plate.

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

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus

G. SPECIAL INFORMATION

   None noted