Alexandria Technical and Community College

**WELD 1612: GMAW-P & Advanced Processes**

**A. COURSE DESCRIPTION**
Credits: 3
Lecture Hours/Week: 0
Lab Hours/Week: 6
OJT Hours/Week: *.*
Prerequisites:  
This course requires the following prerequisite  
WELD 1603 - Gas Metal Arc Welding I (Number of Years Valid: 5)
Corequisites: None
MnTC Goals: None

In this course learners are given an opportunity to practice skill development with the Gas Metal Arc Welding-Pulse (GMAW-P) process and are introduced to other variations on the GMAW process, including Metal Core (MCAW), Flux Core Arc Welding (FCAW), and GMAW-Spray. Learners are also introduced to GMAW welding on aluminum. The primary emphasis is on learners practicing skills in a supervised environment.

**B. COURSE EFFECTIVE DATES:** 01/17/2020 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**
None

**D. LEARNING OUTCOMES (General)**
None

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

**F. LEARNER OUTCOMES ASSESSMENT**
As noted on course syllabus

**G. SPECIAL INFORMATION**
None noted