Alexandria Technical and Community College

MACH 1628: Grinding II

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: *.*
Lab Hours/Week: 6
OJT Hours/Week: *.*

Prerequisites:
This course requires the following prerequisite
   MACH 1621 - Grinding I (Number of Years Valid: 5)

Corequisites: None
MnTC Goals: None

This course is an extension of MACH1621. Prerequisite: MACH1621. Corequisite: MACH1626 and MACH1627.

B. COURSE EFFECTIVE DATES: 12/12/1997 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Demonstrate proper shop safety using grinding machines.
2. Display proper advanced grinding set up techniques.
3. Demonstrate proper advanced grinding processes.
4. Demonstrate proper usage of grinding tools.
5. Apply blueprint reading skills to advanced grinding projects.
6. Perform proper maintenance on grinding machines.
7. Perform inspection of machined part during grinding process.
8. Demonstrate advanced effective problem solving skills.

D. LEARNING OUTCOMES (General)

1. The learner will demonstrate proper use of surface grinder using advanced setup techniques and safety.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted