South Central College

MTT 2240 Applications III

Course Outcome Summary

Course Information

Description
This course is a continuation of Applications, new topics include alternative work holding and advanced tooling set-up and operation for production of capstone projects. (Prerequisite: MTT 2140)

Total Credits
3

Total Hours
96

Types of Instruction

Instruction Type Credits/Hours
Lab 3/96

Pre/Corequisites

MTT 2140

Institutional Core Competencies

Communication - Students will be able to demonstrate appropriate and effective interactions with others to achieve their personal, academic, and professional objectives.

Critical and Creative Thinking - Students will be able to demonstrate purposeful thinking with the goal of using a creative process for developing and building upon ideas and/or the goal of using a critical process for the analyzing and evaluating of ideas.

Course Competencies

1. Describe the grinding magnet
   Learning Objectives
   Dial in magnet
   Dial in magnet fence
   Describe grinding magnet flat

2. Describe grinding to print
   Learning Objectives
   Illustrate grinding perpendicular to +or- .0003
   Illustrate grinding parallel to +or- .0003

3. Identify the grinding wheel dresser
Learning Objectives
Demonstrate "True" a grinding wheel
Demonstrate side dress a grinding wheel

4. Describe form dressing

5. Describe grinding a radius

6. Select proper grinding wheel

7. Demonstrate the ability to meet deadlines

8. Identify general purpose turning and milling tools

9. Exhibit lab safety

10. Demonstrate advanced set-up of lathe and mill

SCC Accessibility Statement
South Central College strives to make all learning experiences as accessible as possible. If you have a disability and need accommodations for access to this class, contact the Academic Support Center to request and discuss accommodations. North Mankato: Room B-132, (507) 389-7222; Faribault: Room A-116, (507) 332-7222.

Additional information and forms can be found at: www.southcentral.edu/disability

This material can be made available in alternative formats by contacting the Academic Support Center at 507-389-7222.