

STARK STATE COLLEGE

MASTER SYLLABUS

Engineering Technologies Division Name: Industrial Technologies Department Name:

COURSE INFORI	<u>MATION</u>			
Course Name: Course Number: Credit Hours: Contact Hours:	IET223-005 4 6		ture Hours: 2	·
	Type of Lab:	ne lab type needed, ι Laboratory	ise both lab sect Lab Hours:	ions 4
	, · ·	•		-
	Type of Lab:	Choose an item.	Lab Hours:	Choose an item.
Prerequisites:	None			
Co-requisites:	None			
This course is approv		ased on the following MTAG:	category:	
For more informatior (https://www.ohiohig	• •	Ohio Department of H	igher Education	website

COURSE DESCRIPTION

This course will cover basic features of machining and turning center operations including programming, editing, proper installation and removal of cutting tools, safety and actual running of equipment both manually and in programmed modes. The student will apply soft-skills necessary to function in a team environment with a general focus on team building, team problem solving and team decision making.

GENERAL LEARNING OUTCOMES

Stark State College has identified six general learning outcomes (GLOs) which represent the knowledge, skills, and abilities needed by students who graduate from our institution.

The outcomes designated below are addressed in this course

- 1. Effective Communication (Written/Oral /Reading/Listening)
- 2. Quantitative Literacy (Includes Computational Skills)
- 3. Information Literacy

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4. Critical Thinking	
5. Global and Diversity Awareness	
6. Civic, Professional, and Ethical Responsibility	

COURSE OBJECTIVES

Upon successful completion of this course, students should be able to:

- Comprehend blueprints in order to write programs (GLO 1, 2, 3).
- Discriminate between basic EIA or conversational commands and miscellaneous codes used in tool path programing (GLO 1, 2, 3, 4).
- Create basic CNC tool path programs for the machining and turning center (GLO 1, 2, 3, 4, 6).
- Identify use and design of basic fixtures and proper cutting tool selection (GLO 1, 2, 3, 4).
- Demonstrate safe, practical use and control of machine functions (GLO 1, 2, 3, 4, 6).
- Apply soft-skills necessary to function in a team environment focusing on team building, team problem solving and team decision making (GLO 1, 3, 4, 6).

STARK STATE COLLEGE POLICIES

Please refer to the Policies and Procedures manual on *my*starkstate for more information on all college policies and procedures:

- Honesty in Learning
- Withdrawal
- Attendance
- Student Complaint
- Incomplete
- Grade Appeal
- Standards of Academic Progress
- Anti-Harassment/Title IX
- Sexual Assault
- Inappropriate Behavior

DISABILITY SERVICES

The Disability Support Services (DSS) office offers a variety of services and accommodations to students with disabilities based on appropriate documentation, nature of the disability, and academic need. In order to initiate services, students should meet with DSS early in the semester to discuss their needs. The DSS staff will determine specific accommodations and services. If a student with a disability does not request accommodations through the DSS office, the instructor is under no obligation to provide accommodations. Students may contact the DSS office at 330-494-6170, ext. 4935, or schedule an appointment in B104.

COMPUTER USAGE

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Students are expected to observe the Student Computer Usage Guidelines concerning the appropriate use of computers at the College. The guidelines are posted in all areas where computers are located, and individuals may obtain copies in the Admissions Office (M110) or on the SSC website under Student Computing (http://www.starkstate.edu/content/student-computing).

Help Desk Services provides support for the following computer issues:

- questions regarding access to student accounts (login issues)
- connecting to a College resource
- connectivity issues with ANGEL (LMS learning management system)
- using mystarkstate tools
- software questions
- campus laptop checkout
- reporting issues with computing or technical resources

Help Desk Services is located in B219 on the Main campus. Contact them at 800-797-8275 (800-79-STARK), ext. 4357 (HELP). See the Help Desk website: http://www.starkstate.edu/helpdesk for hours and contact information.

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