

JAMESTOWN COMMUNITY COLLEGE
State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Production Processes & Maintenance Awareness

Course Abbreviation and Number: MCT 1320

Credit Hours: 2

Course Type: Lecture

Course Description: Students will learn the basics of production processes and the operational maintenance operations within typical industrial settings. This course will cover knowledge needed to successfully complete a national certification test on production and maintenance offered through the Manufacturing Skills Standards Council (MSSC).

Prerequisite: MCT 1310.

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Identify production systems and processes.
 2. Explain the concepts of preventative maintenance.
-

Topics Covered:

- Subtractive production methods
 - Additive production methods
 - Production controls
 - Properties of materials
 - Fluids used in production equipment
 - Adhesives
 - Preventative maintenance practices
 - Mechanical power transmission
-

Information for Students

- Expectations of Students
 - [Civility Statement](#)
 - [Student Responsibility Statement](#)
 - [Academic Integrity Statement](#)
- [Accessibility Services](#)
Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
- [Get Help: JCC & Community Resources](#)
- [Emergency Closing Procedures](#)
- Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
-------	--------	-----	--------	-----	--------	-----	-----

- Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.
-

Effective Date: Fall 2021