

JAMESTOWN COMMUNITY COLLEGE
State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Industrial Safety & Quality Practices

Course Abbreviation and Number: MCT 1310

Credit Hours: 2

Course Type: Lecture

Course Description: Students will learn the safety habits and quality control practices necessary within typical industrial settings. This course will cover knowledge needed to successfully complete a national certification test on safety and quality offered through the Manufacturing Skills Standards Council (MSSC).

No requisites.

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Demonstrate safe practices individually and with a group in various work environments.
2. Utilize critical thinking and analytics to evaluate quality practices.

Topics Covered:

- Lock out/Tag out
- Hazardous material labeling
- Safety data sheets
- Hand tool safety
- Power tool safety
- Confined space
- Quality systems
- Quality audits
- SPC calculations
- Root cause analysis

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
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- 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