

Clackamas Community College

Online Course/Outline Submission System

Published Requests

MN-100 Certified Production Technician (CRT) - Safety

General education certified: Yes No

- Writing
- Oral Communication
- Arts and Letters
- Science & Computer Science
- Mathematics
- Social Science
- Cultural Literacy
- Health & Physical Education

 Approved Date (mm/dd/yyyy): / / **Section #1 General Course Information****Department:** Manufacturing**Submitter**

First Name: Paul

Last Name: Wanner

Phone: 3387

Email: paulw

Course Prefix and Number: MN - 100**# Credits:** 4**Contact hours**

Lecture (# of hours): 40

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 40

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Certified Production Technician (CRT) - Safety

Course Description:

This course is designed to provide students with entry-level understanding of the safety practices and organization common across multiple manufacturing sectors. This program focuses on a knowledge base identified by industry standards at the entry-level for operator, processor and assembler jobs in the manufacturing industries. This curriculum prepares students for the one (1) of four (4) Manufacturing Skills Standards Council (MSSC) Certified Production Technician (CPT) exams which certify participants in the areas of Safety, Quality Assurance, Production Processes, and Maintenance. No prior experience is necessary.

Type of Course: Career Technical Preparatory**Reason for the new course:**

Meeting Industry request for entry-level worker training based on national work standards.

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Elective in manufacturing programs**Are there prerequisites to this course?**

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?**No**

Is there any other potential impact on another department?

Yes**Have you consulted with the Dept Chair(s) of other program(s) regarding potential impact such as overlap, duplication, enrollment, impact, etc.?****Yes (A 'Yes' certifies you have talked with the chair and have received approval.)*****What was the result of the conversation with those department(s)?**

Meeting Industry request for entry level worker training based on national work standards. The manufacturing Dept. originally offered this course in a very streamlined format. They no longer offer the course and have provided the core material to develop this one further.

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

Pass/No Pass Only

Audit: No

When do you plan to offer this course?

 Not every term

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

No

Will this course appear in the schedule?

No

Student Learning Outcomes:

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

1. demonstrate understanding of production teams and leadership,
2. demonstrate understanding of the safety organization,
3. demonstrate knowledgeable of personal protective equipment,

4. demonstrate understanding of fire and electrical safety,
5. demonstrate awareness of work area safety and hazardous material safety,
6. identify tool, machine, and material handling safety concerns.

This course does not include assessable General Education outcomes.

Major Topic Outline:

The World of Manufacturing

1. Careers in Manufacturing
2. Trends in Manufacturing
3. Inside the Manufacturing Workplace

A Safe and Productive Workplace

1. Safety Practices
2. Communication Skills
3. Teamwork Skills
4. Meeting Customer Needs

E-Learning Units

Production Teams

Training & Leadership

Safety Organization

Personal Protective Equipment

Fire and Electrical Safety

Work Area Safety

Hazardous Material Safety

Tool and Machine Safety

Material Handling Safety

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|-----------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | No |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 0%

First term to be offered:

Specify term: 2015 Spring
