CERTIFIED PRODUCTION TECHNOLOGY

The Certified Production Technology program was developed by the Manufacturing Skills Standards Council (MSSC). The program will prepare students for positions in modern high tech industries at the production level. This program is also good preparation for admission into Advanced Systems Technology, a program that will lead to high-skill, high-demand careers in Industrial Maintenance. The program focuses on the important topics of Safety and Quality along with Manufacturing Processes with a brief introduction to Industrial Maintenance. The material can be taken online or as a hybrid experience with blended online and hands-on experiences. This program will offer students preparation to test for the industry-recognized credentials listed below.

Program Information

- Required Math Score: Level 4
- Required Reading Score: Level 4
- Program Start (semesters): August, January
- Financial Aid available (for post-secondary students only): No
- Veteran Benefits Eligible (for post-secondary students only): Yes
- Industry-recognized credentials: MSSC CPT

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CPT 101</td>
<td>Safety in Manufacturing Prod</td>
<td>3</td>
</tr>
<tr>
<td>CPT 102</td>
<td>Quality Practice &amp; Measurement</td>
<td>3</td>
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<tr>
<td>CPT 103</td>
<td>Manufacturing Proc &amp; Prod</td>
<td>3</td>
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<tr>
<td>CPT 104</td>
<td>Maintenance Training</td>
<td>3</td>
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<td></td>
<td>Total Hours</td>
<td>12</td>
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CPT 101 Safety in Manufacturing Prod (3)
It is important to be safe while you work. This course provides you with an overview of the Occupational Safety and Health Administration General Industry Designated Training Topics. The course is intended to provide entry level general industry workers a broad awareness on recognizing and preventing hazards in a general industrial setting. The training covers a variety of safety and health hazards which a worker may encounter at a general industry site.

CPT 102 Quality Practice & Measurement (3)
In order to meet a customer’s needs, quality consistent product must be produced. This is accomplished through the knowledge of the equipment operator. Each machine operator determines both the quality and quantity of production from his/her equipment. In this course you will learn basic Quality Practices and Measurements that will enable you to produce high quality products.

CPT 103 Manufacturing Proc & Prod (3)
Upon successful completion of this course, the student should be able to identify the job skills necessary to have a successful career. Topics include listening skills, oral communication, human relations, decision making/problem solving, how to work as a team, and resource management.

CPT 104 Maintenance Training (3)
Preventive maintenance and production housekeeping are very important aspects of equipment operations. In this course the student will learn how to monitor production equipment for both routine and preventive maintenance.