

WELDING TECHNOLOGY, CERTIFICATE OF ACHIEVEMENT (LEVEL I)

NMC Code 036

The Welding Technology courses are designed to meet the needs of beginning welding students as well as the needs of people who are upgrading their welding skills. Students will develop their skills in this area through laboratory experience using equipment representative of the welding industry. Welding classes can prepare students to be a certified welder or provide either a certificate or an Associate in Applied Science degree. The welding curriculum includes Oxyacetylene, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Gas Tungsten Arc Welding (GTAW), on both ferrous and nonferrous materials.

Requirements

Certificate Requirements

| Course | Title | Credits |
|----------------------|----------------------------|-----------|
| WPT 111 | Welding Theory I | 3 |
| WPT 112 | Welding Lab I | 4 |
| WPT 113 | Welding Theory II | 3 |
| WPT 114 | Welding Lab II | 4 |
| WPT 161 | Welding Qualification Prep | 3 |
| Total Credits | | 17 |

Course Sequence Guide

| Course | Title | Credits |
|----------------------|--|-----------|
| Year 1 | | |
| Fall | | |
| WPT 111 | Welding Theory I (Fall only) | 3 |
| WPT 112 | Welding Lab I (Fall only) | 4 |
| Credits | | 7 |
| Spring | | |
| WPT 113 | Welding Theory II (Spring only) | 3 |
| WPT 114 | Welding Lab II (Spring only) | 4 |
| Credits | | 7 |
| Summer | | |
| WPT 161 | Welding Qualification Prep (Summer only) | 3 |
| Credits | | 3 |
| Total Credits | | 17 |

The responsibility for determining the transferability of this degree and courses to another institution is the sole responsibility of the student.