## WELDING TECHNOLOGY
### CAREER PATHWAY MAP

<table>
<thead>
<tr>
<th>RECOMMENDED COURSE SEQUENCE</th>
<th>SEMESTERS OFFERED</th>
<th>CREDIT HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. DFTG 1325 Blueprint Reading and Sketching</td>
<td>F, Sp</td>
<td>3</td>
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<tr>
<td>2. WLGD 1421 Intro to Welding Fundamentals</td>
<td>F, Sp</td>
<td>4</td>
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<tr>
<td>3. WLGD 1428 Intro Shielded Metal Arc Welding</td>
<td>F, Sp</td>
<td>4</td>
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<tr>
<td>4. WLGD 1457 Interm Shielded Metal Arc Weld</td>
<td>F, Sp</td>
<td>4</td>
</tr>
<tr>
<td>5. WLGD 2443 Adv Shielded Metal Arc Welding</td>
<td>F, Sp</td>
<td>4</td>
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<tr>
<td>6. ENTC 1347 Safety and Ergonomics</td>
<td>F, Sp</td>
<td>3</td>
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</tbody>
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### BASIC WELDING CERTIFICATE EARNED *** | 22 hours |
- 7. WLGD 1337 Intro to Welding Metallurgy | F, Sp | 3 |
- 8. WLGD 2413 Interm Weld/Multiple Processes | F, Sp | 4 |
- 9. WLGD 1435 Introduction to Pipe Welding | F, Sp | 4 |
- 10. WLGD 2406 Intermediate Pipe Welding | F, Sp | 4 |
- 11. WLGD 2480 Cooperative Education | F, Sp | 4 |

### ADVANCED WELDING CERTIFICATE EARNED *** | 45 hours |
- 12. WLGD 2488 Internship | Sp, Su | 4 |

### ASSOCIATE OF APPLIED SCIENCE DEGREE EARNED *** | 60 hours |
- 13. ENGL 1301 Composition I | F, Sp, Su | 3 |
- 14. SPCH 1318 Interpersonal Communication* | F, Sp, Su | 3 |
- 15. MATH 1332 Contemporary Mathematics* | F, Sp, Su | 3 |
- 16. ARTS 1301 Art Appreciation* | F, Sp, Su | 3 |
- 17. PSYC 2301 General Psychology* | F, Sp, Su | 3 |

### CAREER OPPORTUNITIES
- Certified Welder
- Certified Welding Inspection

### LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

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