Welding-Advanced Occupational Skills Award

Summer Session

- **SDEV 0301**[1]**:** Learning Frameworks (0 Credits)
- **CNBT 1091**[2 3]**:** NCCER Core Skills for Construction Trades (0 Credits)

Fall Semester

- **WLDG 1421**[2 3]**:** Welding Fundamentals (4 Credits)
- **WLDG 2443**[2 3]**:** Adv Shielded Metal Arc Welding (4 Credits)

Spring Semester

- **WLDG 2406**[3 4]**:** Intermediate Pipe Welding (4 Credits)

Welding-Basic Welding Certificate

Summer Session

- **SDEV 0301**[1]**:** Learning Frameworks (0 Credits)
- **CNBT 1091**[2 3]**:** NCCER Core Skills for Construction Trades (0 Credits)

Fall Semester

- **WLDG 1421**[2 3]**:** Welding Fundamentals (4 Credits)
- **WLDG 1417:** Intro to Layout and Fabrication (4 Credits)
- **WLDG 2443**[2 3]**:** Adv Shielded Metal Arc Welding (4 Credits)

Spring Semester

- **WLDG 2435:** Advanced Layout and Fabrication (4 Credits)
- **WLDG 2406**[3 4]**:** Intermediate Pipe Welding (4 Credits)
- **WLDG 1434**[3]**:** Intro to Gas Tungsten Arc Welding (4 Credits)

Fall Semester

- **MCHN 1343:** Machine Shop Mathematics (3 Credits)
- **DFTG 1325**[3]**:** Blueprint Reading and Sketching (3 Credits)
- **WLDG 1430**[3]**:** Intro to Gas Metal Arc Welding (4 Credits)

Welding-Advanced Welding Certificate

Summer Session

- **SDEV 0301**[1]**:** Learning Frameworks (0 Credits)
- **CNBT 1091**[2 3]**:** NCCER Core Skills for Construction Trades (0 Credits)

Fall Semester

- **WLDG 1421**[2 3]**:** Welding Fundamentals (4 Credits)
- **WLDG 1417:** Intro to Layout and Fabrication (4 Credits)
- **WLDG 2443**[2 3]**:** Adv Shielded Metal Arc Welding (4 Credits)

Spring Semester

- **WLDG 2435:** Advanced Layout and Fabrication (4 Credits)
- **WLDG 2406**[3 4]**:** Intermediate Pipe Welding (4 Credits)
- **WLDG 1434**[3]**:** Intro to Gas Tungsten Arc Welding (4 Credits)

Fall Semester

- **MCHN 1343:** Machine Shop Mathematics (3 Credits)
- **DFTG 1325**[3]**:** Blueprint Reading and Sketching (3 Credits)
- **WLDG 1430**[3]**:** Intro to Gas Metal Arc Welding (4 Credits)

Spring Semester

- **WLDG 2451**[3 4]**:** Advanced Gas Tungsten Arc Welding (4 Credits)
- **WLDG 2452**[3]**:** Advanced Flux Cored Arc Welding (4 Credits)

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[1] Required for all first-time-in-college students. EDUC 1300 may be substituted for SDEV 0301.
[2] Completion of these courses will enable students to apply for NCCER Level 1 Welding Certificate.
[3] Completion of these courses will enable students to apply for NCCER Level 1-3 Welding Certification. Additional lab and classroom testing is required. Testing will be conducted during hours outside of regular class time. Additional fees apply.
[4] Capstone course