

Welding

Heavily embedded with valuable industry-recognized certifications, welding skills are in high demand. A blended curriculum of on-campus classes, combined with digital technology, helps students to master their knowledge.

Two year commitment (Junior/Senior year)

At the completion of the program students earn:

- Three American Welding Society certifications (MIG, TIG and Stick)
- Ivy Tech Technical Certificate (TC)
- Total of 34 college credit hours

Coursework in Year 1

- WELD 100 Welding Processes
- WELD 108 Shielded Metal Arc Welding I (SMAW/STICK)
- WELD 206 Shielded Metal Arc Welding II (SMAW/STICK)
- WELD 207 Gas Metal Arc Welding I (GMAW/MIG)
- WELD 272 Gas Metal Arc Welding II (GMAW/MIG)
- IVYT 113 Student Success in Technology

Coursework in Year 2

- WELD 208 Gas Tungsten Arc Welding I (GTAW/TIG)
- WELD 273 Gas Tungsten Arc Welding II (GTAW/TIG)
- MATH 122 Applied Technical Mathematics
- WELD 210 Welding Fabrication I
- WELD 203 Pipe Welding I
- Statewide elective Suggested: ADMF 106 Supervision & Teams at Work

Students in this pathway will have hands-on learning with state-of-the-art equipment. Classes are taught by highly skilled instructors with industry experience and certifications in the field.

With a need to fill 59,390 jobs by 2024, Industrial Technology graduates are in very high demand. The average salary in Indiana is \$46,048 with an Associate Degree or \$42,424 for those who earn a Certificate.

