

Program Requirements:

"Program Requirements" specify the courses required for this program. See suggested course sequence for additional information.

Required core courses (16 units):

| COURSE | TITLE | UNITS |
|-----------------------------------|---------------------------------------|-------|
| <input type="checkbox"/> MT 109 | Survey of Machining and Manufacturing | 4 |
| <input type="checkbox"/> WLDT 106 | Beginning Welding | 3 |
| <input type="checkbox"/> WLDT 107 | Advanced Welding | 3 |
| <input type="checkbox"/> WLDT 306 | Layout and Fabrication Interpretation | 3 |
| <input type="checkbox"/> WLDT 300 | Shop Math and Measurement | 3 |

Plus a minimum of 15 units selected from the following:

| COURSE | TITLE | UNITS |
|-----------------------------------|------------------------------------|-------|
| <input type="checkbox"/> MT 110 | CNC G Code | 4 |
| <input type="checkbox"/> WLDT 307 | G.M.A.W. Welding | 3 |
| <input type="checkbox"/> WLDT 308 | T.I.G. Welding | 3 |
| <input type="checkbox"/> WLDT 312 | Pipe Fitting & Welding | 3 |
| <input type="checkbox"/> WLDT 315 | Metal Fabrication | 4 |
| <input type="checkbox"/> WLDT 330 | Welding Certification | 3 |
| <input type="checkbox"/> WLDT 331 | Advanced Welding Certification Lab | 2 |
| <input type="checkbox"/> WLDT 370 | SkillsUSA | 3 |

Recommended electives:

| COURSE | TITLE | UNITS |
|-----------------------------------|--------------------------------------|---------------|
| <input type="checkbox"/> WLDT 199 | Special Topics in Welding Technology | 0 - 3.0 units |
| <input type="checkbox"/> WLDT 305 | Welded Sculptural Projects | 1 |

A total of 31 units is required for the certificate.

Suggested Course Sequence

The "Suggested Course Sequence" is an example of how to complete the requirements plus any additional general education that may be needed. If you would like to create a personalized Student Education Plan (SEP), schedule a meeting with a counselor.

FALL SEMESTER (YEAR 1)

| Course | Title | Units |
|-----------------------------------|---------------------------------------|-------|
| <input type="checkbox"/> MT 109 | Survey of Machining and Manufacturing | 4 |
| <input type="checkbox"/> WLDT 106 | Beginning Welding | 3 |
| <input type="checkbox"/> WLDT 300 | Shop Math and Measurement | 3 |

Total Units 10

Tasks:

- Complete Career Exploration
- Meet with Counselor (SEP)
- Visit library and tutoring
- Review Financial Aid Requirements
- Apply AHC Scholarship

SPRING SEMESTER (YEAR 1)

| Course | Title | Units |
|-----------------------------------|---------------------------------------|-------|
| <input type="checkbox"/> WLDT 107 | Advanced Welding | 3 |
| <input type="checkbox"/> WLDT 306 | Layout and Fabrication Interpretation | 3 |
| <input type="checkbox"/> elective | major elective group 1 | 3 |

Total Units 9

Tasks:

- Set up Jobspeaker
- Attend Career Exploration Day
- FAFSA or Dream Act due March 2
- Apply AHC Scholarship

FALL SEMESTER (YEAR 2)

| Course | Title | Units |
|-----------------------------------|------------------------|-------|
| <input type="checkbox"/> elective | major elective group 2 | 3 |
| <input type="checkbox"/> elective | major elective group 3 | 3 |

Total Units 6

Tasks:

- Meet with a Counselor
- Develop Resume at Career Center
- Review Financial Aid Requirements
- Apply for AHC Scholarship

SPRING SEMESTER (YEAR 2)

| Course | Title | Units |
|-----------------------------------|------------------------|-------|
| <input type="checkbox"/> elective | major elective group 4 | 3 |
| <input type="checkbox"/> elective | major elective group 5 | 3 |

Total Units 6

Tasks:

- Apply for Certificate with Counseling
- Utilize Job Search Resources
- Complete FAFSA or Dream Act by March 2
- Attend Job Fair/Career Exploration Day