

Program Requirements:

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

A major of 31 units is required for the associate in science degree.

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

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
<input type="checkbox"/> AHC GE Req	Area 2: Mathematical Concepts and Quantitative Reasoning	3-5
Total Units		13-15

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"/> ENGL 101	Freshman Composition: Exposition	4
<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
<input type="checkbox"/> elective	major elective group 2	3
Total Units		16

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 3	3
<input type="checkbox"/> AHC GE REQ	Area 5: Natural Science	3-4
<input type="checkbox"/> AHC GE REQ	Area 4A: Social and Behavioral Sciences	3
<input type="checkbox"/> AHC GE REQ	Area 3: Arts and Humanities	3
<input type="checkbox"/> AHC GE Req	Area 6: Ethnic Studies	3
Total Units		15-16

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
<input type="checkbox"/> AHC GE REQ	Area 4B: United States History and Government	3
<input type="checkbox"/> AHC GE REQ	Area 7: Living Skills	3
<input type="checkbox"/> AHC Grad Req	Dance or Physical Activity	.5-3
<input type="checkbox"/> AHC GE REQ	Area 1B: Oral Comm. and Critical Thinking	3
Total Units		19

Tasks:

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