

Program Requirements:

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

A major of 33 units is required for the degree.

Required core courses (21 units):

| COURSE | TITLE | UNITS |
|---------------------------------|---------------------------------------|-------|
| <input type="checkbox"/> AT 100 | Automotive Fundamentals | 4 |
| <input type="checkbox"/> AT 133 | Automotive Engine Rebuilding | 5 |
| <input type="checkbox"/> AT 334 | Automotive Machining 1 | 4 |
| <input type="checkbox"/> AT 336 | Automotive Machining 2 | 4 |
| <input type="checkbox"/> MT 109 | Survey of Machining and Manufacturing | 4 |

Plus a minimum of 12 units selected from the following:

| COURSE | TITLE | UNITS |
|----------------------------------|---|---------------|
| <input type="checkbox"/> AT 117 | Print Reading and Interpretation | 3 |
| <input type="checkbox"/> AT 300 | Shop Math and Measurement | 3 |
| <input type="checkbox"/> AT 306 | Auto Air Conditioning Systems | 4 |
| <input type="checkbox"/> AT 323 | Power Trains | 5 |
| <input type="checkbox"/> AT 324 | Automatic Transmissions | 5 |
| <input type="checkbox"/> AT 341 | Fuel Injection/Turbocharging | 5 |
| <input type="checkbox"/> AT 344 | Emission Control/BAR CAC | 5 |
| <input type="checkbox"/> AT 370 | SkillsUSA | 3 |
| <input type="checkbox"/> AT 389 | Independent Projects in Automotive Technology | 1 - 3.0 units |
| <input type="checkbox"/> AT 399A | Special Topics in Automotive Technology | 2 |

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"/> AT 100 | Automotive Fundamentals | 4 |
| <input type="checkbox"/> ENGL 100 | Writing in Career/Tech Fields | 4 |
| | or | |
| <input type="checkbox"/> ENGL 101 | Freshman Composition: Exposition | 4 |
| <input type="checkbox"/> AHC GE REQ | Area 3: Arts and Humanities | 3 |
| <input type="checkbox"/> AHC GE REQ | Area 7: Living Skills | 3 |
| Total Units | | 18 |

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"/> AT 133 | Automotive Engine Rebuilding | 5 |
| <input type="checkbox"/> elective | major elective group 1 | 3-5 |
| <input type="checkbox"/> AHC GE Req | Area 2: Mathematical Concepts and Quantitative Reasoning | 3-5 |
| <input type="checkbox"/> AHC GE Req | Area 6: Ethnic Studies | 3 |
| Total Units | | 14-16 |

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"/> MT 109 | Survey of Machining and Manufacturing | 4 |
| <input type="checkbox"/> elective | major elective group 2 | 3-5 |
| <input type="checkbox"/> AHC GE REQ | Area 4A: Social and Behavioral Sciences | 3 |
| <input type="checkbox"/> AHC GE REQ | Area 4B: United States History and Government | 3 |
| <input type="checkbox"/> AHC GE REQ | Area 1B: Oral Comm. and Critical Thinking | 3 |
| Total Units | | 13-15 |

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"/> AT 334 | Automotive Machining 1 | 4 |
| <input type="checkbox"/> elective | major elective group 3 | 3-5 |
| <input type="checkbox"/> AHC GE req | Category 1: Natural Science | 3-4 |
| <input type="checkbox"/> AHC Grad Req | Dance or Physical Activity | .5-3 |
| Total Units | | 10.5-16 |

Tasks:

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

FALL SEMESTER (YEAR 3)

| Course | Title | Units |
|-----------------------------------|------------------------|------------|
| <input type="checkbox"/> AT 336 | Automotive Machining 2 | 4 |
| <input type="checkbox"/> elective | major elective group 4 | 3-5 |
| Total Units | | 7-9 |

Tasks:

- Apply for Degree with Counseling
- Utilize Job Search Resources
- Attend Job Fair/Career Exploration Day