

## 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
<b>Total Units</b>		<b>18</b>

#### 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
<b>Total Units</b>		<b>14-16</b>

#### 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
<b>Total Units</b>		<b>13-15</b>

#### 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
<b>Total Units</b>		<b>10.5-16</b>

#### 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
<b>Total Units</b>		<b>7-9</b>

#### Tasks:

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