

## Industrial Technology

QAT 240	Advanced Quality Concepts	3
SPA 101	Elementary Spanish I	4
SPA 102	Elementary Spanish II	4
TRL 102	Customer Service Management	3

*\*These courses may be substituted as a group for a different technical subject area of at least 12 semester credit hours, which must be approved by your advisor.*

## Automotive Technology

### Course Display

Credit Requirements: 82-84 Semester Credit Hours

#### Core Curriculum Requirements

CPT 101	Introduction to Computers	3
<b>or</b>		
EGR 110	Introduction to Computer Environment	3
ENG 101	English Composition I	3
REQ HUM	Select one course from Humanities listing on page B-3	3
REQ MAT	Select one math course from Mathematics/Natural Sciences listing on page B-4	3
ECO 210	Macroeconomics	3
<b>or</b>		
PSY 201	General Psychology	3
SPC 205	Public Speaking	3
<b>or</b>		
SPC 209	Interpersonal Communication	3
		<b>Total 18</b>

#### Primary Path

AUT 101	Engine Fundamentals	3
AUT 103	Engine Reconditioning	4
AUT 111	Brakes	3
AUT 116	Manual Transmission and Axle	4
AUT 122	Suspension and Alignment	4
AUT 131	Electrical Systems	3
AUT 133	Electrical Fundamentals	3
AUT 149	Ignition and Fuel Systems	4

#### Secondary Path

MGT 101	Principles of Management	3
MGT 120	Small Business Management	3
MKT 101	Marketing	3
MKT 130	Customer Service Principles	3

#### Additional Requirements

AUT 145	Engine Performance	3
AUT 152	Automatic Transmission	4
AUT 153	Automatic Transmission Diagnosis	3
AUT 211	Advanced Brakes	3
AUT 241	Automotive Air Conditioning	4
AUT 247	Electronic Fuel Systems	4
AUT 252	Advanced Automatic Transmission	4
<b>or</b>		
AUT 263	Advanced Automotive Machining	4

## Automotive Technology

### Career Path

Credit Requirements: 82-84 Semester Credit Hours

#### Day

#### Recommended Sequence of Courses

##### First Semester – Fall

AUT 101	Engine Fundamentals	3
AUT 111	Brakes	3
AUT 131	Electrical Systems	3
AUT 133	Electrical Fundamentals	3
		<b>Total 12</b>

##### Second Semester – Spring

AUT 103	Engine Reconditioning	4
AUT 145	Engine Performance	3
AUT 149	Ignition and Fuel Systems	4
AUT 241	Automotive Air Conditioning	4
		<b>Total 15</b>

##### Third Semester – Summer

AUT 116	Manual Transmission and Axle	4
AUT 122	Suspension and Alignment	4
AUT 152	Automatic Transmission	4
		<b>Total 12</b>

##### Fourth Semester – Fall

**AUT 263	Advanced Automotive Machining	4
<b>or</b>		
**CWE	Cooperative Work Experience	3
REQ MAT	Select one math course from Mathematics/Natural Sciences listing on page B-4	3
*MGT 120	Small Business Management	3
*MKT 101	Marketing	3
		<b>Total 12-13</b>

### Fifth Semester – Spring

AUT 153	Automatic Transmission Diagnosis	3
**AUT 252	Advanced Automatic Transmission	4
REQ HUM	Select one course from Humanities listing on page B-3	3
CPT 101	Introduction to Computers	3
<b>or</b>		
EGR 110	Introduction to Computer Environment	3
ENG 101	English Composition I	3
*MKT 130	Customer Service Principles	3
<b>Total 15 or 19</b>		

### Sixth Semester – Summer

AUT 211	Advanced Brakes	3
AUT 247	Electronic Fuel Systems	4
*MGT 101	Principles of Management	3
PSY 201	General Psychology	3
<b>or</b>		
ECO 210	Macroeconomics	3
SPC 205	Public Speaking	3
<b>or</b>		
SPC 209	Interpersonal Communication	3
<b>Total 16</b>		

*\*These courses may be substituted as a group for a different technical subject area of at least 12 semester credit hours, which must be approved by your advisor.*

*\*\*Select one course from this group.*

## Automotive Technology

### Career Path

**Credit Requirements: 82-84 Semester Credit Hours**  
Evening

#### Recommended Sequence of Courses

##### First Semester – Fall

AUT 101	Engine Fundamentals	3
AUT 133	Electrical Fundamentals	3
<b>Total 6</b>		

##### Second Semester – Spring

AUT 122	Suspension and Alignment	4
AUT 131	Electrical Systems	3
<b>Total 7</b>		

##### Third Semester – Summer

AUT 111	Brakes	3
AUT 241	Automotive Air Conditioning	4
<b>Total 7</b>		

### Fourth Semester – Fall

AUT 116	Manual Transmission and Axle	4
AUT 152	Automatic Transmission	4
<b>Total 8</b>		

### Fifth Semester – Spring

AUT 145	Engine Performance	3
AUT 149	Ignition and Fuel Systems	4
<b>Total 7</b>		

### Sixth Semester – Summer

AUT 103	Engine Reconditioning	4
*MKT 101	Marketing	3
<b>Total 7</b>		

### Seventh Semester – Fall

**AUT 263	Advanced Automotive Machining	4
<b>or</b>		
**CWE	Cooperative Work Experience	3
CPT 101	Introduction to Computers	3
<b>or</b>		
EGR 110	Introduction to Computer Environment	3
REQ MAT	Select one math course from Mathematics/Natural Sciences listing on page B-4	3
<b>Total 9 or 10</b>		

### Eighth Semester – Spring

AUT 153	Automatic Transmission Diagnosis	3
**AUT 252	Advanced Automatic Transmission	4
*MGT 101	Principles of Management	3
*MKT 130	Customer Service Principles	3
<b>Total 9 or 13</b>		

### Ninth Semester – Summer

AUT 211	Advanced Brakes	3
AUT 247	Electronic Fuel Systems	4
*MGT 120	Small Business Management	3
ECO 210	Macroeconomics	3
<b>or</b>		
PSY 201	General Psychology	3
<b>Total 13</b>		

### Tenth Semester – Fall

ENG 101	English Composition I	3
REQ HUM	Select one course from Humanities listing on page B-3	3
SPC 205	Public Speaking	3
<b>or</b>		
SPC 209	Interpersonal Communication	3
<b>Total 9</b>		