

**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>		

## Industrial Technology

*\*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.*

### Basic Construction Trades

#### Course Display

**Credit Requirements: 69-73 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 209	Interpersonal Communication	3

#### Primary Path

BCT 102	Fundamentals of Building Construction	4
BCT 103	Construction Site Layout	4
BCT 105	Tool Usage and Safety	2
BCT 106	Beginning Woodworking	2
BCT 112	Construction Print Reading	2
BCT 138	Residential Wiring	5
BCT 151	Introduction to Residential Plumbing	3
BCT 203	Exterior and Interior Finishes	5
BCT 240	Green Residential Construction	3
ELE BCT	Select one course from Basic Construction Trades Electives	1-4

#### Secondary Path

CET 127	Building Construction and Print Reading	4
CET 230	Construction Management	3
CET 238	Construction Planning and Scheduling	2
CET 245	Cost Estimating	3

#### Additional Requirements

CET 120	Construction Materials	3
CET 135	Construction Contracts	2
ELE BCT	Select one course from Basic Construction Trades Additional Electives	3

#### Basic Construction Trades Electives

BCT 108	Finish Trim	2
BCT 116	Residential Building Exam Preparation	1
BCT 204	Cabinet Making	4
CWE	Cooperative Work Experience	

#### Basic Construction Trades Additional Electives

BAF 101	Personal Finance	3
MGT 120	Small Business Management	3
SPA 155	Technical Spanish I	3

### Basic Construction Trades

#### Career Path

**Credit Requirements: 69-72 Semester Credit Hours**

#### Day

#### Recommended Sequence of Courses

##### First Semester – Fall

BCT 102	Fundamentals of Building Construction	4
BCT 103	Construction Site Layout	4
BCT 105	Tool Usage and Safety	2
BCT 106	Beginning Woodworking	2
BCT 112	Construction Print Reading	2

**Total 14**

##### Second Semester – Spring

BCT 138	Residential Wiring	5
BCT 151	Introduction to Residential Plumbing	3
BCT 203	Exterior and Interior Finishes	5

**Total 13**

##### Third Semester – Summer

CET 135	Construction Contracts	2
*CET 238	Construction Planning and Scheduling	2
CPT 101	Introduction to Computers	3

#### **or**

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

**Total 13**