

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

Total 12

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

Total 15

Third Semester – Summer

AUT 116	Manual Transmission and Axle	4
AUT 122	Suspension and Alignment	4
AUT 152	Automatic Transmission	4

Total 12

Fourth Semester – Fall

**AUT 263	Advanced Automotive Machining	4
or		
**CWE	Cooperative Work Experience	3
ELE MAT	Select one course from Mathematics Electives on page B-3	3
*MGT 120	Small Business Management	3
*MKT 101	Marketing	3

Total 12 or 13

Fifth Semester – Spring

AUT 153	Automatic Transmission Diagnosis	3
**AUT 252	Advanced Automatic Transmission	4
IDS 201	Leadership Development	3
or		
ELE HUM	Select one course from Humanities Electives on page B-3	3
CPT 101	Introduction to Computers	3
or		
EGR 110	Introduction to Computer Environment	3
ENG 101	English Composition I	3
*MKT 130	Customer Service Principles	3

Total 15 or 19

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
or		
ECO 210	Macroeconomics	3
SPC 205	Public Speaking	3
or		
SPC 209	Interpersonal Communication	3

Total 16

**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

Total 6

Second Semester – Spring

AUT 122	Suspension and Alignment	4
AUT 131	Electrical Systems	3

Total 7

Third Semester – Summer

AUT 111	Brakes	3
AUT 241	Automotive Air Conditioning	4

Total 7

Fourth Semester – Fall

AUT 116	Manual Transmission and Axle	4
AUT 152	Automatic Transmission	4

Total 8

Fifth Semester – Spring

AUT 145	Engine Performance	3
AUT 149	Ignition and Fuel Systems	4

Total 7

Sixth Semester – Summer

AUT 103	Engine Reconditioning	4
*MKT 101	Marketing	3

Total 7

Seventh Semester – Fall		
**AUT 263	Advanced Automotive Machining	4
or		
**CWE	Cooperative Work Experience	3
CPT 101	Introduction to Computers	3
or		
EGR 110	Introduction to Computer Environment	3
ELE MAT	Select one course from Mathematics Electives on page B-3	3
Total 9 or 10		

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
Total 9 or 13		

Ninth Semester – Summer		
AUT 211	Advanced Brakes	3
AUT 247	Electronic Fuel Systems	4
*MGT 120	Small Business Management	3
ECO 210	Macroeconomics	3
or		
PSY 201	General Psychology	3
Total 13		

Tenth Semester – Fall		
ENG 101	English Composition I	3
IDS 201	Leadership Development	3
or		
ELE HUM	Select one course from Humanities Electives on page B-3	3
SPC 205	Public Speaking	3
or		
SPC 209	Interpersonal Communication	3
Total 9		

**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: 66-70 Semester Credit Hours

Core Curriculum Requirements

CPT 101	Introduction to Computers	3
or		
EGR 110	Introduction to Computer Environment	3

ENG 101	English Composition I	3
ELE HUM	Select one course from Humanities Electives on page B-3	3
ELE MAT	Select one course from Mathematics Electives	3
ECO 210	Macroeconomics	3
or		
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 112	Construction Print Reading	2
BCT 138	Residential Wiring	5
BCT 151	Introduction to Residential Plumbing	3
BCT 201	Principles of Roof Construction	4
BCT 203	Exterior and Interior Finishes	5
ELE BCT	Select one course from Basic Construction Trades Electives	1-5

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 Basic Construction Trades Additional Electives	3

Basic Construction Trades Electives

BCT 106	Beginning Woodworking	2
BCT 108	Finish Trim	2
BCT 116	Residential Building Exam Preparation	1
BCT 158	Introductory Building Maintenance	5
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