

# Automotive Systems Technology (D60160)

## Degree Type

Diploma

## Credential Number

D60160

## General Education Requirements

### Communication

Take 3 credits from

Item #	Title	Credits
COM 110	Introduction to Communication	3
COM 120	Intro Interpersonal Com	3
COM 231	Public Speaking	3

### Natural Sciences/Math

Take 3 credits from

Item #	Title	Credits
CHM 131	Introduction to Chemistry	3
CHM 131A	Intro to Chemistry Lab	1
CHM 151	General Chemistry I	4
MAT 110	Math Measurement & Literacy	3
MAT 121	Algebra/Trigonometry I	3
MAT 143	Quantitative Literacy <sup>n</sup>	3
MAT 152	Statistical Methods I	4
MAT 171	Precalculus Algebra	4
PHY 110	Conceptual Physics	3
PHY 110A	Conceptual Physics Lab	1
PHY 151	College Physics I	4

## Major Requirements

### Fundamental Transportation Skills

Take 2 credits from

Item #	Title	Credits
TRN 110	Intro to Transport Tech	2

## Intermediate Transportation Skills

Take 5 credits from

Item #	Title	Credits
TRN 120	Basic Transp Electricity	5

## Specialized Transportation Skills

Take 4 credits from

Item #	Title	Credits
TRN 140	Transp Climate Control	2
WLD 110	Cutting Processes	2

## Automotive Systems Technology

Take 12 credits from

Item #	Title	Credits
AUT 116	Engine Repair	3
AUT 141	Suspension & Steering Sys	3
AUT 151	Brake Systems	3
AUT 181	Engine Performance I	3

## Other Major Requirements

Take 12 credits from

Item #	Title	Credits
AUT 116A	Engine Repair Lab	1
AUT 141A	Suspension & Steering Lab	1
AUT 151A	Brake Systems Lab	1
AUT 181A	Engine Performance I	1
PTE 113	Pathway to Employ-Transport	3
TRN 130	Intro to Sustainable Transp	3
TRN 140A	Transp Climate Cont Lab	2

## Course Sequencing

### 1st Semester (Fall)

Item #	Title	Credits
AUT 116	Engine Repair	3
AUT 116A	Engine Repair Lab	1
PTE 113	Pathway to Employ-Transport	3
TRN 110	Intro to Transport Tech	2
TRN 120	Basic Transp Electricity	5
WLD 110	Cutting Processes	2

## 2nd Semester (Spring)

Item #	Title	Credits
AUT 151	Brake Systems	3
AUT 151A	Brake Systems Lab	1
AUT 181	Engine Performance I	3
AUT 181A	Engine Performance I	1
MAT 110	Math Measurement & Literacy	3
TRN 140	Transp Climate Control	2
TRN 140A	Transp Climate Cont Lab	2

## 3rd Semester (Summer)

Item #	Title	Credits
AUT 141	Suspension & Steering Sys	3
AUT 141A	Suspension & Steering Lab	1
TRN 130	Intro to Sustainable Transp	3
	Communication Choice (D60160)	3
	<b>Total Credits</b>	<b>41</b>