



Career and Technical Education (CTE) Pathway

Automotive Systems Technology Diploma (D60160P1)

1) General Education Requirements (7.00 SHC)

>Take 7 credits from:

ENG-111	Writing and Inquiry	DRE-098	3.00 SHC
PHY-122	Applied Physics II	None	4.00 SHC

Prerequisite

2) Technical Core (21.00 SHC)

Fundamental Transportation

>Take 2 credits from:

TRN-110	Intro to Transport Tech	None	2.00 SHC
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Intermediate Transportation

>Take 5 credits from:

TRN-120	Basic Transp Electricity	None	5.00 SHC
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Specialized Transportation

>Take 2 credits from:

TRN-140	Transp Climate Control	None	2.00 SHC
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Prg Mjr Automotive Systems

>Take 12 credits from:

AUT-116	Engine Repair	None, co-req AUT-116A	3.00 SHC
AUT-141	Suspension & Steering Sys	TRN-120, co-req AUT 141A	3.00 SHC
AUT-151	Brake Systems	TRN-120, co-req AUT-151A	3.00 SHC
AUT-181	Engine Performance I	TRN-120, co-req AUT-181A	3.00 SHC

3) Other Major Requirements (16.00 SHC)

Other Major Courses

>Take 16 credits from:

AUT-116A	Engine Repair Lab	co-req AUT 116	1.00 SHC
AUT-141A	Suspension & Steering Lab	co-req AUT 141	1.00 SHC
AUT-151A	Brake Systems Lab	AUT 161 & AUT 163, co-req AUT 151	1.00 SHC
AUT-163	Adv Auto Electricity	TRN-120	3.00 SHC
AUT-181A	Engine Performance 1 Lab	AUT-181 co-req	1.00 SHC
AUT-183	Engine Performance 2	AUT-181	4.00 SHC
TRN-130	Intro to Sustainable Transp	None	3.00 SHC
TRN-140A	Transp Climate Cont Lab	co-req TRN-140	2.00 SHC

TOTAL SEMESTER HOURS CREDIT (SHC)

(44.00 SHC)

Comments:

This CTE pathway leads to the Automotive Systems Technology Diploma