

Automotive Systems Technology

Automotive Systems Technology Suggested Course Sequence

The following is the suggested plan for when to take each course to complete the Associate in Applied Science degree, based on the program requirements of the 2024-2025 catalog. This is only a recommendation — you may take courses in another order upon consultation with your advisor. This plan is based on you starting with college-level math and English courses, starting your program in the fall, and attending full-time. You can also follow this sequence if you attend part-time. Speak with your academic advisor about the plan and any questions. This program might also offer diplomas or certificates; visit the catalog or contact the program for details. Visit the Academic Advising page for instructions on locating your assigned advisor: <https://www.cpcc.edu/academics/academic-advising>

Term I		Credits
TRN 110	Introduction to Transport Technology	2.0
TRN 170	PC Skills for Transportation	2.0
AUT 116	Engine Repair	3.0
AUT 116A	Engine Repair Lab	1.0
TRN 120	Basic Transportation Electricity	5.0
TRN 120A	Basic Transportation Electrical Lab	1.0
ENG 111	Writing and Inquiry	3.0
ACA 122	College Transfer Success	1.0
Credits		18

Term II		Credits
AUT 151	Brake Systems	3.0
AUT 151A	Brakes Systems Lab	1.0
AUT 141	Suspension & Steering Systems	3.0
TRN 140	Transportation Climate Control	2.0
TRN 140A	Transportation Climate Control Lab	2.0
MAT 110	Mathematical Measurement and Literacy	3.0
or MAT 143	or Quantitative Literacy	
or MAT 152	or Statistical Methods I	
or MAT 171	or Precalculus Algebra	
You may have completed program certificate C60160-20. Confirm eligibility with your academic advisor.		
Credits		14

Term III		Credits
WBL 112	Work-Based Learning I	2.0
Humanities/Fine Arts		3.0
Credits		5

Term IV		Credits
AUT 181	Engine Performance 1	3.0
AUT 163	Advanced Automotive Electricity	3.0
AUT 231	Manual Transmissions/Transaxles/Drive Trains	3.0
COM 110	Introduction to Communication	3.0
or COM 231	or Public Speaking	
WBL 122	Work-Based Learning II	2.0
ATT 115	Green Transportation Safety and Service	2.0
or TRN 180 and	or Basic Welding for Transportation and Basic	
TRN 180A	Welding for Transportation Lab	
Credits		16

Term V		Credits
AUT 183	Engine Performance 2	4.0
TRN 145	Advanced Transportation Electronics	3.0
or ATT 140	or Emerging Transportation Technology	

AUT 221	Automatic Transmissions/Transaxles	3.0
Behavioral/Social Science		3.0
WBL 132	Work-Based Learning III	2.0

You may have completed a program certificate(s). Confirm eligibility with your academic advisor.

Credits	15
Total Credits	68