

Automotive Technology - Associate in Applied Science (2024-25 Catalog)

Developmental Education Courses *(if required)*

<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy
<input type="checkbox"/>	ENGL027	Writing Skills Workshop
<input type="checkbox"/>	MATH020	Pre-Algebra

Placement in English and/or Mathematics must first be determined by official transcripts and/or placement testing. Developmental education courses are only taken if needed based on a student's placement; these courses would be in addition to the courses outlined below. Developmental education courses may extend the timeline to degree completion.

Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.

complete	Course #	Course Title	Credits	Prerequisites / Corequisites / Notes	
Fall	<input type="checkbox"/>	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	<input type="checkbox"/>	AUTO/ASEP/AUTC101	Automotive Engines	4	
	<input type="checkbox"/>	AUTO/ASEP/AUTC103	Automotive Brakes	3	
	<input type="checkbox"/>	AUTO/ASEP/AUTC104	Automotive Suspension & Alignment	3	
	<input type="checkbox"/>	AUTO/ASEP/AUTC105	Automotive Electrical Systems	3	
	<input type="checkbox"/>	AUTO106	PA Safety Inspection Certification	1	
			Total Semester Credits:	15	
Spring	<input type="checkbox"/>	AUTO145	Winter Practicum	2	PRE or CO: AUTO/ASEP/AUTC103, 104, & 105
	<input type="checkbox"/>	AUTO/ASEP/AUTC121	Auto Heating & Air Conditioning Systems	3	PRE: AUTO/ASEP/AUTC105
	<input type="checkbox"/>	AUTO/ASEP/AUTC125	Advanced Automotive Electronic Systems	3	PRE: AUTO/ASEP/AUTC105
	<input type="checkbox"/>	COMM101	Introduction to Communication	3	
	<input type="checkbox"/>	ENGL101	English I	3	PRE: ENGL Placement Policy
	<input type="checkbox"/>	MATH103	Technical Mathematics	3	PRE: MATH020 w/C or MATH Placement
		Total Semester Credits:	17		
Summer	<input type="checkbox"/>	AUTO175	Summer Practicum	4	PRE: AUTO/ASEP/AUTC103, 104, 121, & 125
		Total Semester Credits:	4		
Fall	<input type="checkbox"/>	AUTO203G	Automotive Shop Management Practices	3	PRE: AUTO175 & ENGL101
	<input type="checkbox"/>	AUTO/ASEP/AUTC211	Automotive Fuel & Emission Systems	3	PRE: AUTO/ASEP/AUTC125 and AUTO175
	<input type="checkbox"/>	ASEP/AUTC221	Advanced Engine Performance	3	PRE: AUTO/ASEP/AUTC 105, 125 and AUTO175; PRE/CO: AUTO/ASEP/AUTC211
	<input type="checkbox"/>	AUTO/ASEP/AUTC224	Advanced Automotive Studies	3	PRE: AUTO/ASEP/AUTC101, 103, 104, 105, 121, 125 & AUTO175
	<input type="checkbox"/>	ENGL151R	English II (Report Writing)	3	PRE: ENGL101
	<input type="checkbox"/>	PHYS152	Physical Science II	3	
		Total Semester Credits:	18		
Spring	<input type="checkbox"/>	AUTO245	Winter Practicum II	2	PRE: AUTO/ASEP/AUTC125, 211 and ASEP/AUTC221
	<input type="checkbox"/>	ASEP/AUTC225	Mechanical Drive Train Systems	4	PRE: AUTO/ASEP/AUTC125 and AUTO 175
	<input type="checkbox"/>	ASEP/AUTC226	Automatic Transmission Systems	4	PRE: AUTO/ASEP/AUTC125 and AUTO 175
	<input type="checkbox"/>	ASEP/AUTC230	Hybrid & Electric Vehicles	2	PRE: AUTO/ASEP/AUTC105, 125
	<input type="checkbox"/>	HUMA121	The American Work Experience	3	
	<input type="checkbox"/>	GEOG121	Environmental Sustainability	3	
		Total Semester Credits	18		
		Total Degree Credits	72		

Program Notes:

Students in Automotive Technology (AUTO) must be sponsored by an Automotive Repair shop for Practicums

Students in Automotive Technology GM (ASEP) must be sponsored by a GM dealer for Practicums

Students in Automotive Technology Chrysler (AUTC) must be sponsored by a Chrysler dealer for Practicums.

AUTO - Global/Subaru/Toyota
ASEP - GM
AUTC - Chrysler

+Automotive Courses are Fall Start Only
+Automotive Courses are Semester Specific
+Automotive Courses require a Valid Driver's License

**AUTO100: Automotive Fundamentals, taken prior to the listed fall courses, is required for students with no previous Automotive experience.*

Recommended additional non-credit course: Welding for Auto Techs.

***It is the student's responsibility to be knowledgeable of NCC graduation requirements and, if applicable, to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.**

General Education Requirements

<input type="checkbox"/>	GEOG121	Diversity
<input type="checkbox"/>	AUTO203G	Writing Intensive