Automotive Technology, Specialized Diploma (2023-2024 Catalog)

This program does not need placement information for English or math; however, if a student chooses to continue with another degree, placement documentation would be needed. Placement in English and/or Mathematics must first be determined by <u>official</u> 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	Pre-requisites / Co-requisites
Semester 1	☐	COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA
	☐	AUTO/ASEP/AUTC100	Automotive Fundamentals	2	
	☐	AUTO/ASEP/AUTC103	Automotive Brakes	3	PRE: AUTO/ASEP/AUTC100
	☐	AUTO/ASEP/AUTC104	Autmotive Suspension & Alignment	3	PRE: AUTO/ASEP/AUTC100
	☐	AUTO/ASEP/AUTC105	Autmotive Electrical Systems	3	PRE: AUTO/ASEP/AUTC100
	☐	AUTO106	PA Safety Inspection Certificate	1	PRE: AUTO/ASEP/AUTC100
			Total Semester Credits:	13	
Semester 2	☐	AUTO145	Winter Practicum I	2	PRE: AUTO/ASEP/AUTC103, 104, 105
	☐	AUTO/ASEP/AUTC125	Advanced Automotive Electronic Systems	3	PRE: AUTO/ASEP/AUTC105
	☐	MATH103	Technical Mathematics	3	
	☐	AUTO/ASEP/AUTC	Auto Elective*	9	Course dependent
			Total Semester Credits:	17	
			Total Degree Credits	30	

Program Notes:

*Auto Electives (9 credits total required):
AUTO/ASEP/AUTC101: Automotive Engines *(Fall)*
AUTO110: Introduction to Hybrid Vehicles *(Spring)*
AUTO/ASEP/AUTC121: Auto A/C & Heating Systems *(Spring)*
AUTO/ASEP/AUTC211: Automotive Fuel & Emissions Systems *(Fall)*
AUTC/ASEP221: Advanced Engine Performance *(Fall)*
AUTO/ASEP/AUTC224: Advanced Automotive Studies *(Fall)*
AUTO/ASEP/AUTC225: Mechanical Drive Train Systems *(Spring)*
ASEP/AUTC226: Automatic Transmission Systems *(Spring)*

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

*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.