



# Automotive Technology, Specialized Diploma (2021-2022 Catalog)

Developmental Education Courses (if required)		
<input type="checkbox"/>	ACLS050	Introduction to Academic Literacy
<input type="checkbox"/>	ENGL027	Writing Skills Workshop

## SEMESTER-BY-SEMESTER PROGRAM MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion

Plans can be modified to fit student needs by adding more semesters

Choose your courses with your Advisor.

Location: B= BETH, M= MROE, S=SBTH, E= ESTN, D= DIST \*subject to change

complete	Course #	Course Title	Credits	Gen Ed	Fall	Winter	Spring	Summer	Pre-requisites / Co-requisites	
Semester 1	<input type="checkbox"/>	COLS101	College Success	1		B,M,D	----	B, M, D	D	
	<input type="checkbox"/>	AUTO100	Automotive Fundamentals	2		B	----	----	----	
	<input type="checkbox"/>	AUTO/ASEP/AUTC103	Automotive Brakes	3		B	----	----	----	PRE: AUTO100
	<input type="checkbox"/>	AUTO/ASEP/AUTC104	Automotive Suspension & Alignment	3		B	----	----	----	PRE: AUTO100
	<input type="checkbox"/>	AUTO/ASEP/AUTC105	Automotive Electrical Systems	3		B	----	----	----	PRE: AUTO100
	<input type="checkbox"/>	AUTO106	PA Safety Inspection Certificate	1		B	----	----	----	PRE: AUTO100
		Total Semester Credits:	13							
Semester 2	<input type="checkbox"/>	AUTO145	Winter Practicum I	2		----	----	B	off site	PRE: AUTO103, 104, 105
	<input type="checkbox"/>	AUTO/ASEP/AUTC125	Advanced Automotive Electronic Systems	3		----	----	B	----	PRE: AUTO105
	<input type="checkbox"/>	MATH103	Applications in Mathematics	3	Math	B, D	----	B, M, D	----	
	<input type="checkbox"/>	AUTO	Auto Electives	9		B	----	B	----	Depends on course selected
		Total Semester Credits:	17							
		Total Degree Credits	30							

### Notes:

- Completion of AUTO203G satisfies the Writing Intensive(WI) requirement for this program
- Computer competencies are included in various courses in this program; thus, completing the program automatically satisfies the computing requirement for this program.
- AUTO110 Introduction to Hybrid Vehicles is offered Spring semesters as an elective.

**Career Information:** Automotive Service Technician, Auto Electronics Specialist, Transmission and Drive Train Specialist, Alignment & Underbody Specialist

**Leading To:** Entry level technician

Auto Electives		
AUTO101	Automotive Engines	4
AUTO121	Auto A/C & Heating Systems	1
AUTO211	Automotive Fuel & Emission Systems	3
AUTO221	Advanced Engine Performance	3
AUTO224	Advanced Automotive Studies	3
AUTO225	Mechanical Drive Train Systems	4
AUTO226	Automatic Transmission Systems	4
AUTO110	Introduction to Hybrid Vehicles	1

\*It is the student's responsibility to be knowledgeable of NCC graduation requirements and 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