



Academic Map: Automotive Technology: Diagnostic Specialist (CA)

Certificate of Achievement (C.A.) | 32 Total Credits | CSN Degree Code: AUTODIAG-CT | Catalog Year: 2021-2022 |

Industry, Manufacturing, Construction and Transportation Advanced and Applied Technologies Department of Applied Technologies Jobs and Employment Information: <https://www.csn.edu/imctarea>

DESCRIPTION: This Certificate program prepares students for entry level careers as engine performance diagnostic technicians. Completion will prepare the student to be knowledgeable and proficient in safe operational procedures, use of hand and power tools, and use of lab and advanced diagnostic equipment including DVOM's, scan tools, digital storage oscilloscopes, electronic service information, as well as having a basic knowledge of the automotive industry as a whole.

TERM 1 – TOTAL CREDIT HOURS: 11

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>
COM 115 Applied Communications	3	None
AUTO 105B Automotive Maintenance	2	None
AUTO 115B Auto Electricity and Electronics	4	AUTO 105B
AUTO 240B NV IG Emission Inspection Prep	2	None

Area

GE Comm
Special Prog Req
Special Prog Req
Special Prog Req

Min Grade Milestones and Notes

C	
C	
C	
C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 9

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>
AUTO 117B Advanced Automotive Electronics	4	AUTO 115B
AUTO 136B Engine Repair	5	AUTO 105B

Area

Special Prog Req
Special Prog Req

Min Grade Milestones and Notes

C	
C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 12

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>
AUTO 225B Engine Perf I/Fuel and Ignition	4	AUTO 117B and AUTO 136B
AUTO 227B Engine Perf II/Emissions Control	4	AUTO 225B
AUTO 235B Engine Perf III/Diagnostics	4	AUTO 227B

Area

Special Prog Req
Special Prog Req
Special Prog Req

Min Grade Milestones and Notes

C	
C	
C	Apply for Graduation

