



Academic Map: Automotive Technology – Master Technician (AAS)

Associate of Applied Science (A.A.S) | 74 Total Credits | CSN Degree Code: AUTOTMT-AAS | Catalog Year: 2021-2022 |

Industry, Manufacturing, Construction & Transportation Advanced and Applied Technologies Department of Applied Technologies

Jobs and Employment Information: <https://www.csn.edu/imctarea>

DESCRIPTION: This degree program, one of the largest of its kind in the west, prepares students for lucrative careers as automotive technicians as well as related automotive occupations. Instruction is provided on state-of-the-art equipment in both classrooms and labs.

TERM 1 – TOTAL CREDIT HOURS: 16-18

	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
MATH 104B or above (except MATH122/123)	3	None	GE Math	C	
ENG 107 Technical Communications	3-5	ENG Place Score; or C or up in ENG 98 or ESL 139	GE ENG Comp	C	
AUTO 105B Automotive Maintenance	2	None	Special Prog Req	C	
AUTO 115B Auto Electricity and Electronics	4	AUTO 105B	Special Prog Req	C	
AUTO 117B Adv Automotive Electronics	4	AUTO 115B	Special Prog Req	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 16

	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
ALS 101 College Success	3	None	GE Hum Rel	C	
AUTO 136B Automotive Engine Repair	5	AUTO 105B	Special Prog Req	C	
AUTO 145B Automotive Breaks	4	AUTO 115B	Special Prog Req	C	
AUTO 155B Auto Steering and Suspension	4	AUTO 105B	Special Prog Req	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 16

	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
COM 101 Oral Communications	3	None	GE FA/Hum/SS	C	
AUTO 165B Auto Heating and Air Conditioning	4	AUTO 115B	Special Prog Req	C	
AUTO 205B Manual Drivetrain and Axles	4	AUTO 117B or Instructor Approval	Special Prog Req	C	
AUTO 216B Automatic Transmissions	5	AUTO 117	Special Prog Req	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 14

	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
COM 115 Applied Communications	3	None	GE Com	C	
ENV 101 Intro to Environmental Science	3	None	GE Nat Science	C	
AUTO 225B Engine Perf I/Fuel and Ignition	4	AUTO 117B and AUTO 136B	Special Prog Req	C	
PSC 101 or HIST 100	4	None	GE US/NV Cons	C	Mandatory Advising Required

TERM 5 – TOTAL CREDIT HOURS: 12

	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
AUTO 227B Engine Perf II/Emission Control	4	AUTO 225B	Special Prog Req	C	
AUTO 235B Engine Perf III/Diagnostics	4	AUTO 227B	Special Prog Req	C	
AUTO 245B Pow Train Rem and Replacement	4	AUTO 136	Special Prog Req	C	Apply for Graduation

