



Academic Map: Automotive Technology – Alternate Fuels and Hybrid Technician (AAS)

Associate of Applied Science (A.A.S) | 60 Total Credits | CSN Degree Code: AUTAFHT-AAS | Catalog Year: 2022-2023 |

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.

TERM 1 – TOTAL CREDIT HOURS: 16-18

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
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	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

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
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: 14

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
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 185B Intro to Alt Fueled Vehicles	3	AUTO 117B or Instructor Approval	Special Prog Req	C	
HIST 100 or PSC 101	4	None	GE US/NV Cons	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 14

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
COM 115 Applied Communications	3	None	GE Com	C	
ENV 101 Intro to Environmental Science	3	None	GE Nat Science	C	
AUTO 285B Hybrid Veh Service Techniques	4	AUTO 185B	Special Prog Req	C	
AUTO 205B or 216B or 225B or 245B	4	Depends on course chosen	SP Elective	C	Apply for Graduation