



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: 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.

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 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

| | <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 | |
| PSC 101 or HIST 100 | 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 | |
| AST 101 General Astronomy | 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 |

