



Academic Map: Air Conditioning Technology (AAS)

Associate of Applied Science (A.A.S) | 60 Total Credits | CSN Degree Code: AC-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 program prepares students to install, maintain, service, troubleshoot and repair residential heating and cooling systems. Additionally, the program includes commercial refrigeration courses enabling students to learn how to maintain, troubleshoot and repair walk-in freezers, ice machines and other related machinery.

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 MATH 122/123)	3	<i>None</i>	GE Math	C	
ENG 100 or 101 or 107 or 110 or 113	3-5	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG Comp	C	
AC 102B Intro to HVAC Elec Theory & App	5	<i>None</i>	Special Prog Req	C	
AC 103B Intro to HVAC Mech Theory & App	5	<i>None</i>	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>
COM 115 Applied Communications	3	<i>None</i>	GE Com	C	
ENV 101 Intro to Environmental Science	3	<i>None</i>	GE Nat Science	C	
AC 106B Residential Gas Heating	5	AC 102B and AC 103B	Special Prog Req	C	
AC 110B Inter HVAC Elec Theory & App	5	AC 102B and AC 103B	Special Prog Req	C	Mandatory Advising Required

TERM 3 – 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	<i>None</i>	GE Human Rel	C	
GEOG 106 World Geography	3	<i>None</i>	GE FA/Hum/SS	C	
AC 111B Heat Pumps	5	AC 110B	Special Prog Req	C	
AC 115B Troubleshooting	5	AC 106B and AC 110B	Special Prog Req	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 12

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
HIST 100 or PSC 101	4	<i>None</i>	GE US/NV Cons	C	
FMM 101B Intro to Workplace Safety	1	<i>None</i>	Special Prog Req	C	
AC 100B Technician Cert Review	.5	<i>None</i>	Special Prog Req	P/F	
Spec Prog Electives – see advisor/counselor	6.5	<i>None</i>	SP Elective	C	Apply for Graduation