



Academic Map: Air Conditioning Technology (AAS)

Associate of Applied Science (A.A.S) | 60 Total Credits | CSN Degree Code: AC-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 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 Applied Mathematics	3	None	GE Math	C
ENG 100 or ENG 101 or ENG 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	None	Special Prog Req	C
AC 103B Intro to HVAC Mech Theory & App	5	None	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	None	GE Com	C
ENV 101 Intro to Environmental Science	3	None	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	None	GE Human Rel	C
GEOG 106 World Geography	3	None	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: 12-15

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
PSC 101 or HIST 100	4	None	GE US/NV Cons	C
FMM 101B Intro to Workplace Safety	1	None	Special Prog Req	C
IS 100B or IS 101	0-3	None	Special Prog Req	P/F
AC 100B Technician Cert Review	.5	None	Special Prog Req	C
Spec Prog Electives – see advisor/counselor	6.5	None	SP Elective	C Apply for Graduation

