Academic Map: Air Conditioning Technology – Food Service Refrigeration (AAS)

Associate of Applied Science (A.A.S) | 61.5 Total Credits | CSN Degree Code: ACTFSR-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 commercial refrigeration systems. The program enables 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

Course	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
MATH 104B or above (except MATH 122/123)	3	*None*	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	*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: 14

Course	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	
AC 110B Inter HVAC Elec Theory & App	5	AC 102B and AC 103B	Special Prog Req	C	
AC 116B Copper Fundamentals	1.5	AC 102B and AC 103B	Special Prog Req	C	Mandatory Advising Required
AC 119B Professionals in Customer Service	1.5	*None*			

TERM 3 – TOTAL CREDIT HOURS: 15

Course	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
AC 115B Troubleshooting	5	AC 106B and AC 110B	Special Prog Req	C	
AC 111B Heat Pumps	5	ACC 110B	Special Prog Req	C	
AC 200B Commercial Refrigeration I	5	AC 102B and AC 103B	Special Prog Req	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 16.5

Course	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
ALS 101 College Success	3	*None*	GE Human Rel	C	
HIST 100 or PSC 101	4	None	GE US/NV Cons	C	
GEOG 106 World Geography	3	*None*	GE FA/Hum/SS	C	
FMM 101B Intro to Workplace Safety	1	*None*	Special Prog Req	P/F	
AC 202B Commercial Refrigeration II	5	AC 200B	Special Prog Req	C	Apply for Graduation
AC 100B Technician Cert Review	.5	*None*	Special Prog Req	C	