



Academic Map: Air Conditioning Technology Food Service Refrigeration (CA)

Certificate of Achievement (C.A.) | 42.5 Total Credits | CSN Degree Code: ACFSR-CT | Catalog Year: 2022-2023 |

Industry, Manufacturing, Construction and 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. This 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: 15.5

	<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 Comm	C	
AC 102B Intro to HVAC Elect Theory & App	5	None	Special Prog Req	C	
AC 103B Intro to Mech Theory & App	5	None	Special Prog Req	C	
AC 119B Professional Customer Service	1.5	None	Special Prog Req	C	
FMM 101B Intro to Workplace Safety	1	None	Special Prog Req	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 16.5

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
ACC 106B Residential Gas Heating	5	AC 102B and AC 103B	Special Prog Req	C	
ACC 110B Inter HVAC Elec Theory & App	5	AC 102B and AC 103B	Special Prog Req	C	
AC 200B Commercial Refrigeration I	5	AC 102B and AC 103B	Special Prog Req	C	
ACC 116B Copper Fundamentals	1.5	None	Special Prog Req	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 15.5

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
AC 111B Heat Pumps	5	AC 110B	Special Prog Req	C	
AC 115B Troubleshooting	5	AC 106B and AC 110B	Special Prog Req	C	
AC 202B Commercial Refrigeration II	5	None	Special Prog Req	C	
AC 100B Technician Certification Review	.5	None	Special Prog Req	C	Apply for Graduation

