

Academic Map: Air Conditioning Technology – Central Plant (AAS)

Associate of Applied Science (A.A.S) | 60 Total Credits | CSN Degree Code: ACTCP-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 central plant industrial heating and cooling systems. The program enables students to learn how to maintain, troubleshoot, and repair boilers, central plant equipment, and other related machinery.

TERM 1 – TOTAL CREDIT HOURS: 16-18	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
MATH 104B or above (except MATH122/123)	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	С	
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	Credits	Pre-Requisite/Co-Requisite	<u>Area</u>	Min Grade	Milestones and Notes
COM 115 Applied Communications	3	None	GE Com	С	
ENV 101 Intro to Environmental Science	3	None	GE Nat Science	С	
AC 106B Residential Gas Heating	5	AC 102B and AC 103B	Special Prog Req	С	
AC 110B Inter HVAC Elec Theory & App	5	AC 102B and AC 103B	Special Prog Req	С	Mandatory Advising Required
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TERM 3 – TOTAL CREDIT HOURS: 14.5	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
TERM 5 TOTAL CREDIT HOURS: 14.5	Cicuits	The Medaliste, co Medaliste	AI Ca	Willi Graac	ivinestories und rvotes
ALS 101 College Success	3	None Negarite	GE Human Rel	C	WHICSCORES WHO VOCCS
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ALS 101 College Success	3	None	GE Human Rel	C C C	THE STATE OF THE S
ALS 101 College Success AC 116B Copper Fundamentals	3 1.5	None AC 110B	GE Human Rel Special Prog Req	C C	Mandatory Advising Required
ALS 101 College Success AC 116B Copper Fundamentals AC 201B HVAC Automatic Controls	3 1.5 5	None AC 110B AC 110B	GE Human Rel Special Prog Req Special Prog Req	C C	800
ALS 101 College Success AC 116B Copper Fundamentals AC 201B HVAC Automatic Controls	3 1.5 5	None AC 110B AC 110B	GE Human Rel Special Prog Req Special Prog Req	C C	800
ALS 101 College Success AC 116B Copper Fundamentals AC 201B HVAC Automatic Controls AC 210B HVAC Automatic Controls	3 1.5 5	None AC 110B AC 110B AC 116B	GE Human Rel Special Prog Req Special Prog Req Special Prog Req	С С С С	Mandatory Advising Required
ALS 101 College Success AC 116B Copper Fundamentals AC 201B HVAC Automatic Controls AC 210B HVAC Automatic Controls TERM 4 – TOTAL CREDIT HOURS: 13.5	3 1.5 5 5 <u>Credits</u>	None AC 110B AC 110B AC 116B Pre-Requisite/Co-Requisite	GE Human Rel Special Prog Req Special Prog Req Special Prog Req Area	С С С С	Mandatory Advising Required
ALS 101 College Success AC 116B Copper Fundamentals AC 201B HVAC Automatic Controls AC 210B HVAC Automatic Controls TERM 4 – TOTAL CREDIT HOURS: 13.5 HIST 100 or PSC 101	3 1.5 5 5 <u>Credits</u> 4	None AC 110B AC 110B AC 116B Pre-Requisite/Co-Requisite None	GE Human Rel Special Prog Req Special Prog Req Special Prog Req Area GE US/NV Cons	С С С С	Mandatory Advising Required
ALS 101 College Success AC 116B Copper Fundamentals AC 201B HVAC Automatic Controls AC 210B HVAC Automatic Controls TERM 4 – TOTAL CREDIT HOURS: 13.5 HIST 100 or PSC 101 GEOG 106 World Geography	3 1.5 5 5 Credits 4 3	None AC 110B AC 110B AC 116B Pre-Requisite/Co-Requisite None None	GE Human Rel Special Prog Req Special Prog Req Special Prog Req Mrea GE US/NV Cons GE FA/Hum/SS	C C C C Min Grade C	Mandatory Advising Required
ALS 101 College Success AC 116B Copper Fundamentals AC 201B HVAC Automatic Controls AC 210B HVAC Automatic Controls TERM 4 – TOTAL CREDIT HOURS: 13.5 HIST 100 or PSC 101 GEOG 106 World Geography FMM 101B Intro to Workplace Safety	3 1.5 5 5 <u>Credits</u> 4 3 1	None AC 110B AC 110B AC 116B Pre-Requisite/Co-Requisite None None None	GE Human Rel Special Prog Req Special Prog Req Special Prog Req Area GE US/NV Cons GE FA/Hum/SS Special Prog Req	C C C C Min Grade C C C	Mandatory Advising Required