



Program of Study
Career Field: Industrial, Manufacturing, and Engineering Systems
Career Cluster: Architecture and Construction
Career Pathway: Construction



Central Community College

DEGREE:
 Heating, Air Conditioning and Refrigeration

<http://www.cccneb.edu/igsbase/igstemplate.cfm?SRC=SP&SRCN=programchart2&GnavID=20&SnavID=&TnavID=&cccProgramID=89&LS=&PS=&KS=>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Information Technology App. I CAD (Computer Aided Drafting) Construction Drafting Housing and Home Furnishings Manufacturing/Woodworking	Intro to the Built Environment <i>Plus two from the following list:</i> Principles of Construction Applications in Construction Electricity in the Construction Industry Electricity-Comprehensive	<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, FFA, Math Club, MATHCOUNTS <i>Community Activities:</i> Connect with architects in your area, Do home repair projects, Learn about the history of the buildings in your community, Part-time employment available within this career cluster			
	10	English/Language Arts II	Geometry	Biology	World History						
	11	English/Language Arts III	Algebra II	Chemistry	American History						
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics	American Government or Economics						
CENTRAL COMMUNITY COLLEGE		COMMUNICATIONS	MATH/ SCIENCE	PERSONAL DEVELOPMENT	SOCIAL/ BEHAVIORAL SCIENCES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13 and 14	Select 6 hours from the following courses: Applied Writing English Composition Efficient Reading Public Speaking	Select 3 hours from the following courses: Environmental Science Occupational Math Business Mathematics Technical Mathematics	Select 3 hours from the following courses: Nutrition Personal Health Consumer Problems College Foundations	Select 3 hours from the following courses: American Government Psychology of the Family Introduction to Psychology	Select 24 hours from the following link: CCC Advisor Approved Elective Courses	Orient Safety & Hand Tools	Principles of Refrigeration Cycle	Basic Refrigeration Components	Basic Service Operations	Electrical Theory
							Soldering & Brazing Practices	Hermetic System Servicing	Electricity for HVAC		