



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



Northeast Community College

DEGREE:
 Heating, Ventilation, and Air Conditioning

<http://www.northeast.edu/Degrees-and-Programs/Heating-Ventilation-and-Air-Conditioning>

	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 Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Construction Drafting Housing and Home Furnishing Manufacturing/Woodworking	Intro to Built Environment <i>Plus two from the following:</i> Principles of Construction Applications in Construction Electricity in the Construction Industry Electricity-Comprehensive	<i>School Activities:</i> FFA, SkillsUSA, OPPD/NPPD Power Drive, Math Club, Mathcounts <i>Community Activities:</i> Connect with architects Do home repair projects Work with a contractor Learn about history of building in your community Part-time job within career cluster Internship within 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						
NORTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13		Applied Mathematics I	Basic Computer Applications			Electricity for HVAC and Lab	Basic Refrigeration Principles and Lab	Sheet Metal	HVAC Controls and Lab	Residential Air Conditioning and Lab
				Applied Mathematics II				Cooperative Internship I			
	14	Career Composition				Personal & Business Finance		HVAC Technology I and Lab	Blueprint Reading	Residential Heat Load Calculations	HVAC Technology II and Lab
					Human Relations		Commercial AC and Refrigeration and Lab				