



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



Metropolitan Community College

DEGREE:

Air Conditioning, Refrigeration, and Heating Technology

http://www.mccneb.edu/catalog/programs/program_pages_grid.asp

		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	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	Information Technology Applications I Entrepreneurship					
	11	English/Language Arts III	Algebra II	Chemistry	American History	CAD (Computer Aided Drafting) Construction Drafting					
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics	American Government or Economics	Housing and Home Furnishing Manufacturing/Woodworking					
METROPOLITAN COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13	English Composition I	Applied Mathematics	(Refer to Major Courses)	Psychology for Everyday Living	Human Relations Skills	Bookkeeping	Refrigeration Electrical Theory and Application	Refrigeration Service Principles and Basic	Refrigeration Shop Practices	Gas Heat
							Electric Heat	Oil Burners	Commercial Refrigeration Installation	Commercial Refrigeration Service	A/C, Domestic Refrigeration and Appliance Repair
	14					Information Systems and Literacy	All Weather Systems (Conventional)	All Weather Systems (Heat Pumps)	Advanced Commercial Refrigeration	Advanced Residential Air Conditioning	Advanced Commercial Air Conditioning
						Air Conditioning (Commercial)	Sheet Metal Layout	Automated Building Controls	Choose 4 credits of Electives		