



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



Metropolitan Community College

DEGREE:
 Electrical 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	Intro to Built Environment			<i>School Activities:</i> FFA, SkillsUSA, OPPD/NPPD Power Drive, Math Club, Mathcounts	
	10	English/Language Arts II	Geometry	Biology	World History	Health Education Information Technology Applications I Entrepreneurship	<i>Plus two from the following:</i> Principles of Construction Applications in Construction			<i>Community Activities:</i> Connect with architects Do home repair projects	
	11	English/Language Arts III	Algebra II	Chemistry	American History	CAD (Computer Aided Drafting) Construction Drafting	Electricity in the Construction Industry Electricity-Comprehensive			Work with a contractor Learn about history of buildings in your community	
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics	American Government or Economics	Housing and Home Furnishing Manufacturing/Woodworking				Part-time job within career cluster Internship within career cluster	
METROPOLITAN COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13	Technical Writing	Applied Mathematics		Psychology for Everyday Living	Human Relations Skills	Basic Electricity	Residential Wiring	Motor and Machine Controls	Commercial Wiring	Information Transport Systems Level I
							Electrical Print Reading	PLC I			
14	Oral and Written Reports					Information Systems and Literacy	NEC Code	Electric Service and Installation	Internship	Industry Safety and Health	Problem Solving