



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



**Metropolitan Community College**

DEGREE:  
 Electrical Apprenticeship

[http://www.mccneb.edu/catalog/programs/program\\_pages\\_grid.asp](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			
<b>HIGH SCHOOL</b>	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical 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 buildings in your community Part-time job within career cluster Internship within career cluster			
	10	English/Language Arts II	Geometry	Biology	World History	Health Education 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					
<b>METROPOLITAN COMMUNITY COLLEGE</b>		<b>COMMUNICATIONS</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL SCI/HUMANITIES</b>	<b>DEGREE REQUIREMENTS</b>	<b>MAJOR COURSES</b>				
	13	Technical Writing	Applied Mathematics		Psychology for Everyday Living	Human Relations Skills	Electrical Print Reading	Construction Safety	Motor and Machine Controls	Electrical IA	Electrical IB
							Electrical IIA	Electrical IIB			
	14	Oral and Written Reports				Information Systems and Literacy	Electrical IIIA	Electrical IIIB	Electrical IVA	Electrical IVB	