



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



Mid Plains Community College

DEGREE:
 Electrical Technology
http://programs.mpcc.edu/Electrical_Technology.html

	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 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, Work with a contractor, Part-time employment available within this 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 Furnishings Manufacturing/Woodworking					
MIDPLAINS COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/ HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13 and 14	Basic Technical Communications	General Math B		Personal Finance		Safety	Direct Current Fundamentals	Direct Current Advanced	Alternating Current Fundamentals	Applied Math
		Fund of Speech Communication					Alternating Current Advanced	Electric Motor Controls	Electric Motor Controls Advanced	Construction Wiring	Programmable Logic Controls
							Electronics for Ind. Electricians	Variable Frequency Drives	4 hrs of Electives		