



**Program of Study**

**Career Field: Industrial, Manufacturing, and Engineering Systems**

**Career Cluster: Architecture and Construction**

**Career Pathway: Design and Pre-Construction**



**Metropolitan Community College**

DEGREE:

Architectural Design Technology

[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 Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Construction Principles of Construction	Intro to Built Environment	<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						
	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						
<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	English Composition I	Intermediate Algebra		1 Approved Course	Human Relations Skills	Appreciation of Architecture	Beginning AutoCAD	Intermediate AutoCAD	Beginning REVIT (Building)	Intermediate REVIT (Building)
							Woodframe Architecture	Commercial Architecture	Renovation Architecture	Beginning 3D Studio Max	Intermediate 3D Studio Max
	14	English Composition II	Trigonometry			Information Systems and Literacy	High Rise Architecture	Internship			