



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



**Northeast Community College**

DEGREE:  
 Building Construction

<http://www.northeast.edu/Degrees-and-Programs/Building-Construction>

	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 Drafting Housing and Home Furnishing Manufacturing/Woodworking	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						
	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>NORTHEAST 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		Applied Mathematics I	Basic Computer Applications	Personal & Business Finance		Building Construction I and Lab	Construction Drafting and Lab	Residential Blueprint Reading	Building Construction II and Lab	Construction/Architectural Drafting and Lab
							Materials Estimating	Job Search and Employment	Cooperative Internship I		
	14	Career Composition				Human Relations		Concrete Construction and Lab	Cabinet/Millwork Construction I and Lab	Blueprint Reading I and Lab	Practical Electrical Wiring
							Millwork/Finish Construction II and Lab	Blueprint Reading II and Lab	Construction Management		