

# BUILDING CONSTRUCTION

The building construction program gives students a basic knowledge of carpentry and related fields. By learning classroom theory and applying skills with on-the-job construction projects, students become familiar with tools of the trade, subcontracting, estimating, record keeping, and other building trade competencies. Upon completion of the program, students are prepared to begin careers working in construction.

Northeast Community College and Wayne State College have an agreement that Wayne State will accept up to 66 credit hours from Northeast toward a bachelor of science degree in technology. (Enrollment into this program is limited and is based on the date of application.)

## Required Program of Study for Associate of Applied Science Degree (2 years)

### FRESHMAN YEAR

First Semester	
Course	Credits
CNST 1010 Building Construction I.....	4
CNST 1020 Building Construction I Lab.....	4
CNST 1030 Construction Drafting.....	2
CNST 1040 Construction Drafting Lab.....	1
CNST 1050 Residential Blueprint Reading.....	3
MATH1020 Applied Mathematics I.....	3
INFO 1000 Basic Computer Applications.....	2
	<u>19</u>

Second Semester	
Course	Credits
CNST 1210 Building Construction II.....	3
CNST 1220 Building Construction II Lab.....	5
CNST 1230 Construction/Architectural Drafting.....	2
CNST 1240 Construction/Architectural Drafting Lab.....	1
CNST 1250 Materials Estimating.....	2
CNST 1290 Job Search and Employment.....	1
ECON 1010 Personal and Business Finance.....	2
PSYC 1000 Human Relations.....	2
	<u>18</u>

### Required Summer: 12 weeks

CNST 1300 Cooperative Internship I.....	8
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### SOPHOMORE YEAR

First Semester	
Course	Credits
CNST 2010 Concrete Construction.....	2
CNST 2020 Concrete Construction Lab.....	1
CNST 2030 Cabinet/Millwork Construction I.....	3
CNST 2040 Cabinet/Millwork Construction I Lab.....	4
CNST 2050 Blueprint Reading and Estimating I.....	2
CNST 2060 Blueprint Reading and Estimating I Lab.....	1
ENGL 1050 Career Composition.....	3
ELTR 1060 Practical Electrical Wiring.....	2
	<u>18</u>

Second Semester	
Course	Credits
WELD 2210 Welding and Structural Steel.....	2
CNST 2230 Millwork/Finish Construction II.....	4
CNST 2240 Millwork/Finish Construction II Lab.....	5
CNST 2250 Blueprint Reading and Estimating II.....	2
CNST 2260 Blueprint Reading and Estimating II Lab.....	1
CNST 2270 Construction Management.....	1
	<u>15</u>

**Total Credit Hours** **78**