

## CONSTRUCTION MANAGEMENT

### Program Overview

The Construction Management Program prepares students for careers as construction managers, building inspectors and cost estimators. Construction managers coordinate the activities of skilled workers, supervisors, suppliers and subcontractors. As inspectors and building officials, these professionals examine structures to ensure that standards are met.

Students can earn an associate's degree in Construction Management or a certificate in Construction Codes. In addition to the general education and core courses, the program incorporates preparatory work for professional certification tests. After completing the relevant courses,

the student is eligible to take the International Code Council Examinations.

The courses in this program are arranged in a sequence that provides optimal learning opportunities. Students are required to follow the integrated program sequence.

For more information, visit: [www.mchenry.edu/construction](http://www.mchenry.edu/construction)

**The primary purpose of an Associate in Applied Science degree is to prepare students for employment. The AAS degree is not designed specifically for transfer; however, there are opportunities to apply some coursework or the whole degree to a bachelor's degree program. For more information, see an academic advisor and the department chair.**

### Requirements for the Associate in Applied Science (AAS) in Construction Management

Curriculum: OCC 250	Credit Hours		
<b>General Education Core</b>			
<b>Communications</b> 2 courses ENG 151 and SPE 151 recommended	6	(3) ENG 105 Technical Communications (3) ENG 151 Composition I	(3) ENG 152 Composition II (3) SPE 151 Intro to Speech
<b>Humanities &amp; Fine Arts, Social &amp; Behavioral Sciences</b> Select 1 course from Humanities & Fine Arts <b>and</b> 1 course from Social & Behavioral Sciences PHI 251 and SOC 151 recommended	6	<b>Humanities &amp; Fine Arts</b> <i>Select 1 course from the following prefixes or course numbers:</i> ART (does not include: 166, 190, 290, 299) (3) AET 141 Interior Design I (3) AET 142 History of Interiors (3) AET 241 Interior Design II (3) DGM 168 Computer Art I ENG (does not include: 088-099, 105, 151, 152) FRE GER (3) GRA 167 Graphic Design I (3) JRN 152 Intro to Mass Communication (3) JRN 155 Newswriting (3) JRN 165 Intro to Broadcasting (3) JRN 170 Feature Writing (3) JRN 180 Intro to Film MUS (does not include: 100, 104, 111, 160, 161, 162, 201-218) PHI	<b>Humanities &amp; Fine Arts cont'd.</b> (4) SPA 151 Elementary Spanish I (4) SPA 252 Intermediate Spanish II (4) SPA 152 Elementary Spanish II (4) SPA 251 Intermediate Spanish I (3) SPE 155 Interpersonal Communication (3) SPE 161 Small Group Communication (3) SPE 251 Intercultural Communication (3) SPE 265 Fundamentals of Oral Interpretation THE  <b>Social &amp; Behavioral Sciences</b> <i>Select 1 course from the following prefixes or course numbers:</i> ANT ECO (3) GEG 202 Geog. of the Developed World (3) GEG 203 Geog. of the Developing World (3) GEG 204 Economic Geography HIS PLT PSY SOC
<b>Mathematics, Physical or Life Sciences, Technology</b> Select 1 course from Mathematics, Physical or Life Sciences, <b>or</b> Technology MAT 106 recommended	3	<b>Mathematics</b> MAT (100 level or above)  <b>Physical or Life Sciences</b> <i>Select from the following prefixes or course numbers:</i> BIO CHM EAS (4) GEG 107 Physical Geography (3) GEG 123 Energy Resources (3) GEG 220 The Global Environment	<b>Physical or Life Sciences cont'd.</b> GEL (3) HFE 250 Nutrition for Wellness (4) HRT 103 Intro to Plant Science (4) HRT 105 Intro to Soil Science PHY  <b>Technology</b> (3) GRA 100 Adobe Design Suite (3) PRG 105 Programming Logic (3) WEB 105 Web Fundamentals

<b>Program Core</b>	36	(3) AET 151 Computer Aided Design Graphics I (3) CMT 102 Construction Documents (3) CMT 105 Intro to Building Construction (3) CMT 110 Mechanical Systems and Codes (3) CMT 115 Electrical Systems and Codes (3) CMT 120 Building Codes & Enforcement <b>or</b> (3) CMT 125 Survey Layout & Measurement (3) CMT 205 Construction Project Mgmt.	(3) CMT 250 CMT Internship <b>or</b> (3) CMT 262 Technical Portfolio Design II (3) CMT 261 Technical Portfolio Design I (9) CMT elective subject to department chair approval
<b>Program Electives</b>	5-6	Select from the following prefixes or course numbers: AET (3) AOM 131 Spreadsheet Applications I (3) CDM 110 Computer Literacy for Windows	
Please select one of the following options: <b>SUPERVISION OR BIM TECHNOLOGY</b> (9 credit hours required)			
<b>Supervision Option</b>	9	(3) ACC 151 Financial Accounting Supervision Emphasis (3) IMT/MGT 110 Supervisory Responsibility	(3) IMT 112 Training the Trainer <b>or</b> (3) IMT 210 Continuous Improvement Practices
<b>BIM Technology Option</b>	9	(3) AET 161 BIM Revit I Technology Emphasis (3) AET 165 BIM Navisworks I	(3) AET 162 BIM Revit II <b>or</b> (3) AET 152 Computer Aided Design Graphics II
<b>Total Degree Credits</b>	65-66		

**Other AAS Graduation Requirements:**

- 2.0 minimum cumulative GPA at MCC upon completion of program
- 15 semester hours of program-specific coursework taken at MCC
- Completion of graduation application
- Completion of end-of-program assessment as directed by this department

**Requirements for the Construction Codes Certificate**

<b>Curriculum: OCC 251</b>	<b>Credit Hours</b>		
<b>Mathematics or Physical Sciences or Life Sciences</b> 1 course MAT 106 recommended	3	<b>Mathematics</b> Select from the following prefixes or course numbers: MAT (100-level or above)  <b>Physical or Life Sciences</b> Select from the following prefixes or course numbers: BIO CHM	<b>Physical or Life Sciences cont'd</b> EAS (4) GEG 107 Physical Geography (3) GEG 123 Energy Resources (3) GEG 220 the Global Environment GEL (4) HRT 103 Intro to Plant Science (4) HRT 105 Intro to Soil Science PHY
<b>Program Core</b>	27	(3) CMT 102 Construction Documents (3) CMT 105 Intro to Building Construction (3) CMT 110 Mechanical Systems and Codes (3) CMT 115 Electrical Systems and Codes (3) CMT 120 Building Codes and Enforcement <b>or</b> (3) CMT 125 Survey Layout and Measurement	(3) CMT 250 CMT Internship <b>or</b> (3) CMT 261 Technical Portfolio Design I (6) AET elective subject to department chair approval (3) CMT elective subject to department chair approval
<b>Total Certificate Credits</b>	30		

For more information, visit: [www.mchenry.edu/constructioncodes](http://www.mchenry.edu/constructioncodes)

**Other Certificate Graduation Requirements:**

- 2.0 minimum cumulative GPA at MCC upon completion of program
- For certificates of less than 12 credit hours, all required credits must be completed through MCC coursework. For all other certificates, one-half of the minimum credit hours required must be completed through MCC coursework.

- Completion of graduation application
- Completion of end-of-program assessment as directed by this department

**For more information, contact the department chair: (815) 479-7521.**