

CONSTRUCTION MANAGEMENT & SUPERVISION



Program Contact

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Construction Management & Supervision

Construction managers evaluate building methods and materials, and determine the most cost-effective plan and schedule. Typically they use estimating and scheduling techniques to bring construction projects to timely completion according to the architect's plans and within budget.

The Program

The Construction Management and Supervision Program at FCC provides students with a broad range of knowledge and skills required for success in a career in construction management. Students in this program will learn technical expertise in construction methods, safety, materials used in construction projects, and how to read architectural plans. They will be trained in business management and communication, estimating job costs and managing project financing. Students will gain an understanding of construction law including related federal, state, and county codes. Students who study Construction Management and Supervision may go on to become Project Managers, General Superintendents, Estimators, and Construction Managers.

Program Objectives

- Students will demonstrate an understanding of graphic communications (e.g. architectural drawings and specifications) for construction.
- Students will have an understanding of the methods used in the construction of commercial and/or residential construction projects covering procedures, equipment, materials and techniques.
- Students will be able to demonstrate a working knowledge of the complete construction process which includes effective planning, scheduling, and control of the overall construction project. Students will understand construction safety principles and practices, and be familiar with related federal/state/county codes.

Growth Potential

The median annual wage for construction managers was \$87,400 in May 2015. Employment of construction managers is projected to grow 5 percent from 2014 to 2024. (Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2016-17 Edition, Construction Managers)

Transfer Information

FCC has articulation agreements with the following institutions for students graduating with an A.A.S. in Construction Management & Supervision and who are looking for transfer opportunities. For more information, contact the Counseling & Advising Office at 301.846.2471 or the Program Manager at 301.846.2611.

- Pennsylvania College of Technology – B.A. Construction Management
- University of Maryland Eastern Shore – B.S. Construction Management Technology
- University of Maryland Eastern Shore, Main Campus & Universities at Shady Grove – B.S. Construction Management Technology

Note: Some of the above articulation agreements may not result in transfer of all credits.

Financial Assistance

FCC participates in federal, state and local financial aid programs. Students are encouraged to apply for financial aid, and for scholarships offered by the College and community. Financial aid applications are available in the Financial Aid Office, J301, or online at www.fafsa.ed.gov. The scholarship application is available at www.frederick.edu.

For more information on Construction Management & Supervision:

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CONSTRUCTION MANAGEMENT & SUPERVISION

A.A.S. Degree

Course	Credits
English	
EN 101 English Composition	3
Mathematics	
Mathematics Elective (GenEd course list) (MA 130, MA 111 or MA 201 recommended)	3/4
Social & Behavioral Sciences	
HS 102 Human Relations (satisfies cultural competence requirement).....	3
Arts & Humanities	
CMSP 103 Speech Fundamentals or	
CMSP 105 Small Group Communication or	
CMSP 107 Career Communications	3
Biological & Physical Sciences	
Biological & Physical Sciences Elective (GenEd course list) (PY 101 or PC 103 or PC 109 recommended)	3/4
Interdisciplinary & Emerging Issues	
CIS 101 Information Systems and Technology	3
General Education Elective	
(GenEd Wellness recommended).....	3
PE/Health Requirement	
(Wellness elective satisfies this requirement)	3
Departmental Requirements	
BU 272 Supervisory Management	3
BU 273 Business Communication	3
CON 101 Introduction to Construction Management.....	3
CON 132 Materials & Methods of Construction I	3
CON 133 Materials & Methods of Construction II.....	3
CON 140 Architectural Blueprint Reading.....	3
CON 203 Principles of Site Management.....	3
CON 204 Construction Project Cost Estimating	3
CON 205 Construction Accounting & Financial Management	3
CON 206 Construction Project Scheduling	3
Select two of the following courses:	
CAD 204, CON 131, CON 171, CON 200, CON 202, CON 210, INTR 103.....	6
Electives (check with an advisor or transfer institution (ARTSYS) before selecting electives).....	3

Provides students with the technical knowledge and skills required for a career in construction management.

CourseCredits

Departmental Requirements

CON 101	Introduction to Construction Management	3
CON 132	Methods and Materials of Construction I	3
CON 133	Materials and Methods of Construction II	3
CON 140	Architectural Blueprint Reading	3
CON 203	Principles of Site Management	3
CON 204	Construction Project Cost Estimating	3
CON 205	Construction Accounting & Financial Management	3
CON 206	Construction Project Scheduling	3
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Provides students with the knowledge and skills required for an entry level position in construction management.

CourseCredits

Departmental Requirements

CON 101	Introduction to Construction Management	3
CON 140	Architectural Blueprint Reading	3
CIS 101	Information Systems and Technology	3
CON 132	Materials and Methods of Construction I	3
CON 133	Materials and Methods of Construction II	3
CON/CIS	Take six credits from the following:	6
CIS 111E	Microcomputer Software Applications: Spreadsheets, Any CON course not included above.	6
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*Prepares students with the basic skills needed in Construction Management.
All of the courses in this LOR may be used in the Construction Management degree.*

CourseCredits

Departmental Requirements

CON 101	Introduction to Construction Management	3
Select two of the following courses: CON 132, CON 133, CON 140, CON 150, CON 151		6
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