

Construction Management Technology, AAS

The construction management technology degree prepares individuals to manage, coordinate, and supervise the construction process from concept development through project completion on timely and economic bases. Topics include construction processes and techniques; construction contracting; organization and scheduling; applicable codes and regulations; cost estimating; building information modeling (BIM); personnel management and labor relations; business skills; site safety; and sustainable building fundamentals.

Graduates are ready to work as managers, inspectors, field supervisors, and estimators for general contractors and subcontractors in the commercial construction industry. An associate of applied science degree is awarded upon the successful completion of 63 credit hours.

(Major Code 2310; CIP Code 52.2001)

Construction Management Program web page (<http://www.jccc.edu/academics/credit/construction-management/>)

Associate of Applied Science Degree

First Semester

BUS 140	Principles of Supervision	3
CMGT 105	Construction Methods	3
CMGT 125	Construction Specifications*	2
DRAF 129	Interpreting Architectural Drawings	2
DRAF 143	Introduction to BIM Building Information Modeling*	2
MATH 130	Technical Mathematics I* (or higher)	3
Total Hours		15

Second Semester

ACCT 111 or ACCT 121	Small Business Accounting Accounting I	3
CMGT 129	Construction Management	3
CMGT 150	Construction Safety/OSHA-30	3
CMGT 160	Green Building Fundamentals*	3
CMGT 225	Construction Documents*	2
COMS 155	Workplace Skills	1
Total Hours		15

Third Semester

CMGT 123	Building Codes*	3
CMGT 140	Construction Materials*	3
CMGT 205	Advanced Construction Methods*	3
ENGL 121	Composition I*	3
Humanities Elective ^		3
Social Science and/or Economics Elective ^		3
Total Hours		18

Fourth Semester

Program Elective (see below)		4
CMGT 227	Construction Cost Estimating*	3
CMGT 229	Advanced Construction Management*	3
GEOS 130	General Geology	5
Total Hours		15

Total Program Hours: 63**Program Electives**

BUS 141	Principles of Management	3
BUS 145	Small Business Management	3
BUS 243	Human Resource Management	3
BLAW 261	Business Law I*	3
CMGT 271	Construction Management Internship*	3
CSS 105	Introduction to Personal Computers: Windows	1
CSS 108	Word Processing I: MS Word*	1
CSS 110	Spreadsheets I: MS Excel*	1
CSS 121	Introduction to Project Management*	1
CSS 128	PC Applications: MS Office	3
DRAF 243	Advanced BIM: Revit*	2
ENGR 131	Engineering Graphics I: AutoCAD*	4
ENTR 120	Introduction to Entrepreneurship	2
ENTR 142	Business Plan	3
ENTR 180	Opportunity Analysis	2

* This course has registration requirements.

^ See all AAS general education electives (<http://catalog.jccc.edu/degree/requirements/associate-applied-science/>).