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 for 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; State CIP Code 52.2001)

Associate of Applied Science Degree

First Semester

Program Elective (see below)		3
CET 105	Construction Methods	3
CET 125	Construction Specifications*	2
DRAF 129	Interpreting Architectural Drawings	2
ENGL 121	Composition I*	3
MATH 120	Business Mathematics* (or higher)	3
Total Hours		16

Second Semester

ACCT 111	Small Business Accounting	3
or ACCT 121	Accounting I	
CET 123	Building Codes	3
CET 129	Construction Management	3
CET 205	Advanced Construction Methods*	3
INDT 155	Workplace Skills	1
Social Science and/or Economics Elective ^		3
Total Hours		16

^   See all AAS general education electives (http://catalog.jccc.edu/archives/2018-2019/degreerequirements/associate-applied-science)

Third Semester

CET 160	Green Building Fundamentals	3
CET 227	Construction Cost Estimating*	3
CET 229	Advanced Construction Management*	3
DRAF 143	Introduction to BIM Building Information Modeling*	2
INDT 150	Construction Safety/OSHA 30	3
Total Hours		14

Fourth Semester

Program Elective (see below)		3
BUS 140	Principles of Supervision	3
CET 140	Civil Engineering Materials*	3
CET 225	Construction Documents*	2
Communications, Science, or Math Elective ^		3
Humanities Elective ^		3
Total Hours		17

^   See all AAS general education electives (http://catalog.jccc.edu/archives/2018-2019/degreerequirements/associate-applied-science)

Program Electives

BUS 120	Management Attitudes and Motivation	3
BUS 141	Principles of Management	3
BUS 145	Small Business Management	3
BUS 150	Business Communications*	3
BUS 243	Human Resource Management	3
BUS 261	Business Law I*	3
CET 271	Construction Management Internship I*	3
CPCA 105	Introduction to Personal Computers: Windows	1
CPCA 108	Word Processing I: MS Word*	1
CPCA 110	Spreadsheets I: MS Excel*	1
CPCA 121	Introduction to Project Management*	1
CPCA 128	PC Applications: MS Office	3
DRAF 130	Introduction to CAD Concepts - AutoCAD*	3
DRAF 132	Exploring AutoCAD	3
DRAF 230	Intermediate CAD: AutoCAD*	3
DRAF 243	Advanced BIM: Revit*	2
DRAF 244	Civil 3D*	2
DRAF 252	Structural Design and Drafting*	3
DRAF 264	CAD:Interior Design*	3
DRAF 271	Drafting Internship I*	3
DRAF 272	Drafting Internship II*	3
ENGR 131	Engineering Graphics I:AutoCAD*	4
ELTE 202	Electrical Estimating*	3
ENTR 120	Introduction to Entrepreneurship	2
ENTR 142	Business Plan	3
ENTR 180	Opportunity Analysis	2
SPD 120	Interpersonal Communication	3

Total Program Hours: 63