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 in small and mid-size construction companies. An associate of applied science degree is awarded upon the successful completion of 64 credit hours.

(Major Code 2310; State CIP Code 52.2001)

- Civil Engineering Technology (http://www.jccc.edu/civilengineering)

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 116	Intermediate Algebra*	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

^ Social Science and/or Economics Elective (http://catalog.jccc.edu/fall/degreecertificates/electives/social-sci-econ-aas)

Third Semester

CET 150	Construction Safety	3
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
Health and/or Physical Education ^		1
Total Hours		15

^ Health and/or Physical Education (http://catalog.jccc.edu/fall/degreecertificates/electives/health-and-or-physical-ed-aas)

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

^   Communications, Science, or Math Elective (http://catalog.jccc.edu/fall/degreecertificates/electives/communications-sci-math-aas)

^^   Humanities Elective (http://catalog.jccc.edu/fall/degreecertificates/electives/humanities-aas)

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
CET 272	Construction Management Internship II*	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 225	Civil Drafting*	3
DRAF 230	Intermediate CAD: AutoCAD*	3
DRAF 244	Civil 3D*	2
DRAF 250	Electrical Drafting*	3
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
ELTE 122	National Electrical Code I	4
ENGR 131	Engineering Graphics I:AutoCAD*	4
ENGR 180	Engineering Land Surveying I*	3
ENTR 120	Introduction to Entrepreneurship	2
ENTR 142	Fast Trac Business Plan	3
ENTR 180	Opportunity Analysis	2
EPRM 120	Introduction to Residential Energy	3
EPRM 142	Solar Thermal Systems	3
SPD 120	Interpersonal Communication	3

Total Program Hours: 64