

About JJC

Joliet Junior College, the nation's first public community college, is the college of choice for life-changing learning opportunities. For more than 100 years, JJC has been an institution of affordable, accessible and quality education, enriching lives through high quality programs and services. JJC is a place to grow as a person, to share in a community of learning, and to be inspired by new ideas. With an average class size of 17, JJC students experience a stimulating learning environment where they are taught by the best. JJC has the second most full-time instructors for community colleges in Illinois, and more than 80 percent of professors have a master's degree or higher.

Admissions Office

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Construction Management

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Basic Construction

Certificate of Completion (CCO)

Major Core Requirements		11.0
AEC 100	Construction Fundamentals	2.0
AEC 102	Construction Materials and Testing	3.0
AEC 104	Methods of Building Construction	3.0
AEC 106	Blueprint Reading for Architecture and Construction	3.0
Total Required Hours		11.0

Intermediate Construction

Certificate of Completion (CCO)

Major Core Requirements		20.0
AEC 100	Construction Fundamentals	2.0
AEC 102	Construction Materials and Testing	3.0
AEC 104	Methods of Building Construction	3.0
AEC 106	Blueprint Reading for Architecture and Construction	3.0
CM 210	Estimates and Cost of Construction	3.0
CM 215	Construction Scheduling and Site Operations	3.0
CM 230	Construction Contracting and Specifications	3.0
Total Required Hours		20.0

Construction Estimating

Certificate of Completion (CCO)

Major Core Requirements		20.0
AEC 106	Blueprint Reading for Architecture and Construction	3.0
CM 190	Construction Law	3.0
CM 210	Estimates and Cost of Construction	3.0
CM 230	Construction Contracting and Specifications	3.0
CM 251	Advanced Estimating Spreadsheets	1.0
CM 252	Advanced Estimating Digitizing	2.0
CM 253	Advanced Estimating Programs	1.0
Or CM 255	Advanced Estimating	4.0
CIS 137	Technical Excel	1.0
Total Required Hours		20.0

Project Management

Certificate of Completion (CCO)

General Education Requirements		9.0
CIS 126	Microsoft Office	3.0
ENG 130	Technical Report Writing	3.0
SPCH 101	Principles of Speech	3.0
Major Core Requirements		18.0
CM 190	Construction Law	3.0
CM 210	Estimates and Cost of Construction	3.0
CM 215	Construction Scheduling and Site Operations	3.0
CM 230	Construction Contracting and Specifications	3.0
CMC 260	Project Management	3.0
OPS 131	OSHA 30-Hour Construction Safety	2.0
CIS 137	Technical Excel	1.0
Total Required Hours		27.0

For the most up-to-date information about the Construction Management program at JJC, visit www.jjc.edu/info/cm.



Associate in Applied Science (AAS)
Construction Management
Construction Business

Certificate of Achievement (CAC)
Advanced Construction

Certificate of Completion (CCO)
Basic Construction
Intermediate Construction
Construction Estimating
Project Management



Construction Management

The **Construction Management curriculum at JJC** is designed and continually updated to reflect the constant changes in the industry. This program provides the individual with the education and training necessary for employment in the construction industry or as a foundation to pursue additional study in the construction area. The construction management student will work a variety of conceptual and real projects from the concept or initiation phase of the project to its conclusion in obtaining a building occupancy permit. This program also prepares the student to further his or her construction management education at several different four-year university programs.

JJC CM coursework prepares students for initial positions and opportunities such as field supervision, supervisor, material testing technician, estimators, scheduler, supply and product sales, representative draftsman, field engineering assistant, foreman, contractor, surveyor, building inspector, construction foreman and superintendent.



Fast Fact

Day and evening courses are taught by construction professionals who bring actual construction projects and experience into the classroom.



Finding the Right Fit

For those interested in a construction management career, Joliet Junior College offers a variety of options. The two associate's degree programs in Construction Management (Construction Career degree and Construction Business degree) provide an in-depth look at the field. Certificate options in basic construction, intermediate construction, advanced construction, estimating, and project management give students a detailed look at specific areas within the field. Whatever your goals in construction management JJC has the right fit.

Construction Management

Associate in Applied Science (AAS)

General education requirements		21.0-22.0
CIS 126	Microsoft Office	3.0
ECON 103	Principles of Economics I (Macroeconomics)	3.0
ENG 101	Rhetoric	3.0
ENG 130	Technical Report Writing	3.0
MATH 119	Technical Mathematics	5.0
PHYS 100	Basics Physics	4.0
Or PHYS 101	Physics I	(5.0)

Major Core Requirements		43.0
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AEC 100	Construction Fundamentals	2.0
AEC 102	Construction Materials and Testing	3.0
AEC 104	Methods of Building Construction	3.0
AEC 106	Blueprint Reading for Architecture and Construction	3.0
AEC 125	Construction Layout	3.0
AEC 207	Structural Planning, Design and Analysis	3.0
AEC 208	Building and Environmental Codes	3.0
AEC 291	Construction Career Development	1.0
CM 190	Construction Law	3.0
CM 200	Graphical Communication for Construction Management	3.0
CM 210	Estimates and Cost of Construction	3.0
CM 215	Construction Planning and Scheduling	3.0
CM 225	MEP Systems in Construction	3.0
CM 230	Construction Contracting and Specification	3.0
CM 260	Project Management	3.0
OPS 111	OSHA 10-Hour Construction Safety	1.0

Requirements in Non-Construction Areas		4.0
CIS 137	Technical Excel	1.0
MGMT 101	Principles of Management	3.0

Total Required Hours	68.0-69.0
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Give Yourself the Advantage

Those hiring construction management employees are increasingly looking for degreed and certified personnel. By earning a certificate or degree from Joliet Junior College, you give yourself an advantage in a competitive workplace – having credentials provides evidence of competence and experience. Certification and degrees also make advancement in the field a more likely possibility. Whether you plan to be self-employed or work for a firm, JJC can help you achieve your goals.

Construction Business

Associate in Applied Science (AAS)

General Education Requirements		22.0
CIS 126	Microsoft Office	3.0
ECON 103	Principles of Economics I (Macroeconomics)	3.0
ENG 101	Rhetoric	3.0
ENG 102	Rhetoric II	3.0
MATH 150	Mathematical Analysis for Business	4.0
Or MATH 153	Finite Math	4.0
PSYC 101	General Psychology	3.0
SPCH 101	Principles of Speech	3.0

Major Core Requirements		41.0
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AEC 100	Construction Fundamentals	2.0
AEC 102	Construction Materials and Testing	3.0
AEC 104	Methods of Building Construction	3.0
AEC 106	Blueprint Reading for Architecture and Construction	3.0
AEC 125	Construction Layout	3.0
AEC 208	Building and Environmental Codes	3.0
AEC 291	Construction Career Development	1.0
CM 190	Construction Law	3.0
CM 200	Graphical Communication for Construction Management	3.0
CM 210	Estimates and Cost of Construction	3.0
CM 215	Construction Planning and Scheduling	3.0
CM 225	MEP Systems in Construction	3.0
CM 230	Construction Contracting and Specification	3.0
CM 260	Project Management	3.0
CIS 137	Technical Excel	1.0
OPS 111	OSHA 10-Hour Construction Safety	1.0

Requirements in Business Area		9.0
FIN 201	Principles of Corporation Finance	3.0
MGMT 101	Principles of Management	3.0
MKTG 101	Marketing	3.0

Total Required Hours	72.0
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Advanced Construction

Certificate of Achievement (CAC)

General Education Requirements		11.0
<i>Must Include the Following:</i>		
CIS 126	Microsoft Office	3.0
ENG 101	Rhetoric	3.0
Or ENG 130	Technical Writing and Communications	3.0
MATH 119	Mathematics for Technical Students	5.0

Major Core Requirements		24.0
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AEC 100	Construction Fundamentals	2.0
AEC 102	Construction Materials and Testing	3.0
AEC 104	Methods of Building Construction	3.0
AEC 106	Blueprint Reading for Architecture and Construction	3.0
AEC 125	Construction Layout	3.0
CM 210	Estimates and Cost of Construction	3.0
CM 215	Construction Scheduling and Site Operations	3.0
CM 230	Construction Contracting and Specifications	3.0
CIS 137	Technical Excel	1.0

Total Required Hours	35.0
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