

CONSTRUCTION MANAGEMENT, A.A.S.

Entry Time

Fall

Award

Associate of Applied Science degree

2 years (5 terms including summer), some required evening classes

The Construction Management program provides entry-level skills and knowledge for students who want to pursue one of the many careers available in the construction industry. Classes during the first year emphasize hands-on laboratory experiences in construction practices, architectural drafting and CAD, estimating, and microcomputer applications. The summer session allows students to gain practical experience during a full-time, paid internship in the construction field. Second-year classes emphasize skills and knowledge development in management, scheduling, estimating and legal issues. Upon completion of this program students will receive the OSHA 10 Construction and Adult First Aid with CPR certifications.

Career Opportunities

- construction managers and supervisors
- building inspectors
- project managers
- sustainability specialists
- material suppliers
- cost estimators

Degree Requirements

Term 1		
Fall		Credit Hours
CON-101	Architectural Plans and Specs	3
CON-108	Construction Safety	1
CON-190	Construction Lab	3
CON-410	Architectural Modeling	3
MAT-716 or MAT-156	Industrial Math II ¹ or Statistics	3
WBL-148	WBL Industrial Technology	2
	Term Totals:	15
Term 2		
Spring		
CON-313	Structures and Mechanical/Electrical/Plumbing Systems	3
CON-322	Estimating for Construction and Architecture	3
CON-331	Construction Materials Science	3
PHS-175 or ENV-115	Environmental Geology or Environmental Science	3

WBL-110	Employability Skills	1
Communications Course ²		3
	Term Totals:	16
Term 3		
Summer		
CON-932	Internship	2
Communications Course ²		3
Humanities or History/Culture Course (https://creditcatalog.kirkwood.edu/aas-degree-humanities-requirement/)		3
	Term Totals:	8
Term 4		
Fall		
CON-257	Pre-Construction Services	3
CON-324	Adv Construction Estimating	3
CON-328	Construction Documentation	3
MGT-130	Principles of Supervision	3
	Term Totals:	12
Term 5		
Spring		
CON-316	Sustainable Construct Science	3
CON-330	Construction Capstone	3
CON-400	Const Svcs, CloseOut, Comm	3
MGT-155 or MGT-101	Integrated Project Management or Principles of Management	3
Social Science Course		3
	Term Totals:	15
	Program Totals:	66

Optional Courses

Code	Title	Credit Hours
CON-924	Honors Project	1
CON-928	Independent Study	1-3

¹ Students planning to transfer to a four-year college or university should take MAT-156 Statistics.

² Students planning to transfer to a four-year college or university should consider the following communication classes:

ENG-105 Composition I and

ENG-106 Composition II or

ENG-108 Composition II: Technical Writing.

Construction Management Tool Requirements

Students in the Construction Management program are required to have safety equipment for lab activities. Instructors will provide students with a list of minimum requirements. Students must purchase the safety equipment on their own.