

Construction Management, A.A.S.

Students may earn an Associate in Applied Science degree. The Clyde Institute of Construction Management Program has been designed to provide students a strong foundation in Construction Management that prepares them for jobs in construction site supervision and/or for advancement on to a BS degree in Construction Management. The program provides courses in building construction, construction management and construction science that apply to all segments of the construction industry with an emphasis on heavy civil and commercial construction. Students will learn about construction materials and methods through the use of readings, 3-D models, hands-on laboratory exercises, and site visits. Construction management courses in estimating and scheduling are also provided along with a strong background in mathematics, computer technology, business and other general education subjects. A supervisory course is also required so students can learn to manage workers at construction sites.

Program Requirements

Code	Title	Credit Hours
Total Credit Hours		63
General Education Requirements		24 Credits
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC Literacies and Composition Across Contexts CC	3
ENGL 2010	Intermediate Academic Writing CC	3
Choose one of the following:		3
MAT 1030	Quantitative Reasoning QL (3)	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL (6)	
STAT 1040	Introduction to Statistics QL (3)	
STAT 1045	Introduction to Statistics with Algebra QL (5)	
MATH 1050	College Algebra QL (4)	
MATH 1055	College Algebra with Preliminaries QL (5)	
MATH 1090	College Algebra for Business QL (3)	
Fine Arts Distribution ^{1, 2}		3
Humanities Distribution ^{1, 3}		3
Social Sciences Distribution ^{1, 4}		3
Physical Science Distribution ^{1, 5}		3
Third Science Distribution ^{1, 6}		3
Discipline Core Requirements		39 Credits
EGDT 1400	Surveying Applications and Field Techniques I	3
EGDT 1600	Technical Math Algebra	3
EGDT 1610	Technical Math Geometry Trig	3
CMGT 1010	Introduction to Construction Management WE	3
CMGT 1020	Construction Materials and Methods I	3
CMGT 1150	Construction Safety	2
Choose one of the following:		3
CMGT 1190	Concrete and Framing Lab (3)	
CMGT 1220	Finishing Lab (3)	
CMGT 281R	Internship (1-6)	
CMGT 2010	Construction Materials and Methods II	3
CMGT 2035 or IM 2010	Construction Computer Applications (Recommended) Business Computer Proficiency	3
CMGT 2060	Construction Job Site Management	3
CMGT 2080	Principles of Construction Scheduling	3
CMGT 289R	Construction Industry Seminar (Must be taken twice for a total of one credit.)	1
Complete 6 credits from the following two specializations:		6
Heavy/Civil:		
EGDT 2400	Surveying Applications and Field Techniques II (3)	

EGDT 1040	Fundamentals of Technical Engineering Drawing (3)
Commercial/Residential:	
BIT 1010 or BIT 1020	Building Codes (3) Residential Codes
EGDT 1020	3D Architectural Modeling (3)

1

See catalog for approved listings

2

Highly recommended: EGDT 1720 Architectural Rendering FF

3

Recommended: COMM 1020 Public Speaking HH

4

Recommended: COMM 2110 Interpersonal Communication SS or FIN 1060 Personal Finance SS

5

Recommended: PHYS 1010 Elementary Physics PP or PHSC 1000 Survey of Physical Science PP or ENVT 1110 Introduction to Environmental Management PP

6

Recommended: GEO 1010 Introduction to Geology PP or ENVT 1110 Introduction to Environmental Management PP

Graduation Requirements

1. Completion of a minimum of 63 semester credits.
2. Overall grade point average of 2.0 (C) or above.
3. Residency hours -- minimum of 20 credit hours through course attendance at UVU.
4. Complete all core requirements with a minimum grade of C - or better.

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

Semester 1		Credit Hours
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC	3
Complete one of the following:		3
MAT 1030	Quantitative Reasoning QL	
MAT 1035	Quantitative Reasoning with Integrated Algebra QL	
STAT 1040	Introduction to Statistics QL	
STAT 1045	Introduction to Statistics with Algebra QL	
MATH 1050	College Algebra QL	
MATH 1055	College Algebra with Preliminaries QL	
MATH 1090	College Algebra for Business QL	
Fine Arts Distribution (EGDT 1720 recommended)		3
CMGT 1010	Introduction to Construction Management WE	3
CMGT 1150	Construction Safety	2
CMGT 289R	Construction Industry Seminar	0.5
		Credit Hours
		14.5
Semester 2		
ENGL 2010	Intermediate Academic Writing CC	3
Humanities Distribution (COMM 1020 recommended)		3
CMGT 1020	Construction Materials and Methods I	3
Complete one of the following:		3
CMGT 1190	Concrete and Framing Lab	
CMGT 1220	Finishing Lab	
CMGT 281R	Internship	

CMGT 2035 or IM 2010	Construction Computer Applications or Business Computer Proficiency	3
CMGT 289R	Construction Industry Seminar	0.5
EGDT 1600	Technical Math Algebra	3
Credit Hours		18.5
Second Year		
Semester 3		
Physical Science Distribution (PHYS 1010 or PHSC 1000 recommended)		3
CMGT 2010	Construction Materials and Methods II	3
EGDT 1400	Surveying Applications and Field Techniques I	3
EGDT 1610	Technical Math Geometry Trig	3
Heavy/Civil Track (EGDT 1040) or Commercial/Residential Track (EGDT 1020)		3
Credit Hours		15
Semester 4		
Third Science Distribution (GEO 1010 or ENVT 1110 recommended)		3
Social-Behavioral Science Distribution (COMM 2010 or FIN 1060 recommended)		3
CMGT 2060	Construction Job Site Management	3
CMGT 2080	Principles of Construction Scheduling	3
Heavy/Civil Track (EGDT 2400) or Commercial/Residential Track (BIT 1010 or BIT 1020)		3
Credit Hours		15
Total Credit Hours		63

Program Learning Outcomes

1. Recognition of the need for health and safety, accident prevention, and regulatory compliance.
2. An understanding of materials, labor and methods of construction.
3. An ability to identify and analyze project delivery methods.
4. An ability to use and apply verbal and written business and communication skills.