

Construction Management (Associate of Applied Science)

The Associate of Applied Science in Construction Management prepares students with the education and skills needed to enter the high-growth industry of construction.

To receive this degree, the student must:

- Have a cumulative GPA of 2.00 or better in all credit hours to be used toward the degree.
- Earn a “C” or better in all courses.
- Complete the coursework listed below.

Program Outcomes. Upon successful completion of the program, the graduate will be able to:

1. Apply effective communication, both orally and in writing.
2. Apply the skills to estimate quantities and costs for the bidding process in a construction project.
3. Apply the aptitude to schedule a basic construction project.
4. Apply current technology related to the construction process.
5. Apply the interpretation of construction documents (contracts, specifications, and drawings) used in managing a construction project.
6. Apply basic principles of construction accounting.
7. Apply basic surveying techniques used in building layout.
8. Understand basic principles of ethics in the construction industry.
9. Understand the fundamentals of contracts, codes, and regulations that govern a construction project.
10. Understand basic construction methods, materials and equipment.
11. Understand basic safety hazards on a construction site and standard prevention measures.
12. Understand the basic principles of structural design.
13. Understand the basic principles of mechanical, electrical and piping systems.

PROGRAM OF STUDY

First Semester		Credit Hours
MATH 1213	College Algebra	3
ENGL 1013	English Composition I	3
CMGT 1103	Blueprint Reading and Graphics	3
CMGT 1213	Construction Materials and Methods	3
Gen Ed. Humanities Elective (History, Humanities, or Philosophy)		3
		15
Second Semester		Credit Hours
MATH 1223	Plane Trigonometry	3
CMGT 2253	Mechanical and Electrical Systems	3
CMGT 1033	Construction Safety	3
CMGT 2103	Construction Estimating	3
SPCH 2013	Techniques of Speech	3
		15

Third Semester		Credit Hours
CMGT 2303	Statics and Strengths of Materials	3
CMGT 2003	Contracts and Construction Law	3
CMGT 2353	Construction Surveying and Site Layout	3
ECON 2113	Economic Principles	3
<i>Choose one:</i>		3
PHSC 1023	Physical Science I	
PHYS 2113 ¹	General Physics I	
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		15
Fourth Semester		Credit Hours
CMGT 2203	Construction Project Management	3
CMGT 2413	Planning and Scheduling	3
CMGT 2513	Commercial and Industrial Estimating	3
MANG 1503	Negotiations in Business	3
<i>Choose one¹:</i>		3
ACCT 2313	Financial Accounting I	
ACCT 2113 ¹	Financial Accounting III	
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		15
Total Program Hours		60

¹Students are advised to select ACCT 2113 and PHYS 2113 for credit transfer to a four year institution.

For more information, contact the Division of Business at (225) 216-8154.