













Construction Management (9413)

Associate of Applied Science Degree

This program prepares students for careers in the construction field with an emphasis on residential and light commercial building construction. The curriculum blends two major content areas: building construction technologies and business management.

Professionals in this field need to have a thorough background in site development, building methods and materials, contract documents, plans and specifications, estimating, bidding, scheduling, building codes, legal principles, project administration, inspection, quality assurance, finances, sound business practices, and people skills. Graduates can enter the workforce in management positions with homebuilders, commercial builders, equipment installers, facility managers, general contractors, specialty contractors, building departments, and construction material manufacturers and retailers. Job classifications may include estimators, superintendents, project managers, inspectors, facility managers, and sales and technical support technicians.


Course	Title	Credit Hours
First Semester		
CIVT 1011	Construction Methods and Materials 	3
ENGL 1110 or ENGL 1111	English Composition I (A) ¹ or English Composition I (B)	3
ENGR 1000	Introduction to Engineering Technology	2
FYEX 1000	First Year Experience	1
MATH 1180	Technical Mathematics I	4
1st 8 weeks		
CIVT 1012	Reading Construction Drawings 	1
2nd 8 weeks		
CIVT 1019	Architectural Building Codes and Standards 	2
Credit Hours		16
Second Semester		
BUSM 1300	Introduction to Business	3
CIVT 1016	Civil Drafting 	3
CIVT 1021	Construction Materials Testing 	2
MECT 1150	Technical Communications	3
PHYS 1100 or PHYS 1610	Applied Physics Mechanics ³ or General Physics I	3-5
Credit Hours		14-16
Third Semester		
BUSM 1620	Introduction to Entrepreneurship	3
BUSM 2100	Business Law I 	3
CIVT 1410	Building Construction I 	3
CIVT 2018	Construction Estimating 	3
CIVT 2025	Safety in Construction 	2
Select course(s) from the Arts and Humanities Electives list		3
Credit Hours		17
Fourth Semester		
BUSM 1400	Professional Personal Selling	3
CIVT 2016	Scheduling and Building Information Modeling 	3
CIVT 2020	Green Building and LEED (R) Rating System 	3
CIVT 2024	Construction Administration and Inspection 	3
Select course(s) from the Social & Behavioral Sciences list		3
Credit Hours		15
Total Credit Hours		62-64

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1 English course selection is based on placement test results (ENGL 1111 English Composition I (B) is 4 credits, only 3 credits apply to the degree).

2 Students planning to transfer to Kent State University must take MATH 1650 College Algebra (A).

3 Students planning to transfer to Kent State University must take PHYS 1610 General Physics I.

 This course is designated as a technical course in the program. Students must earn a "C" grade or higher in the course to fulfill the college's graduation requirements policy.

Electives

Course	Title	Credit Hours
Arts and Humanities Electives		
ARTS 1120	Art Appreciation	3
ARTS 2220	Survey of Art I	3
ARTS 2230	Survey of Art II	3
ENGL 2250	Survey of American Literature I	3
ENGL 2260	Survey of American Literature II	3
ENGL 2280	Survey of British Literature I	3
ENGL 2290	Survey of British Literature II	3
HUMX 1100	Introduction to Humanities	3
MUSC 1200	Music Appreciation	3
MUSC 1215	World Music	3
MUSC 1800	Popular Music: Rock, Jazz, Country, and Hip-Hop	3
MUSC 2200	Music History and Literature I	3
MUSC 2250	Music History and Literature II	3
PHIL 1500	Introduction to Philosophy	3
PHIL 2000	Comparative Religion	3
PHOT 1000	History of Photography	3
Social and Behavioral Sciences Electives		
ANTH 1160	Introduction to Cultural Anthropology	3
ECON 1150	Basic Economics	3
ECON 2500	Principles of Macroeconomics	3
ECON 2600	Principles of Microeconomics	3
GEOG 1500	Introduction to Geography	3
GEOG 1600	World Regional Geography	3
HIST 1150	Western Civilization I: Antiquity Through the Reformation	3
HIST 1250	Western Civilization II: Age of Revolution Through the Present	3
HIST 2150	U.S. History: Colonization Through Reconstruction	3
HIST 2250	U.S. History: Reconstruction to the Present	3
POLS 1300	U.S. National Government	3
POLS 2500	Modern Political Ideologies	3
PSYC 1500	Introduction to Psychology	3
SOCY 1150	Principles of Sociology	3