

CONSTRUCTION MANAGEMENT CONCENTRATION

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This Construction Management concentration is designed to provide the students with an entry-level position in construction management. Construction management positions include work assignments in marketing, sales, estimating, and purchasing; field assignments include those in scheduling, cost control, quality, safety, and other items within a construction project. Successful completion will result in earning the OSHA 30-Hour Construction Safety and Health credential and the opportunity to earn the Construction Specifications Institute (CSI) Construction Documents Technologist (CDT) credential. Construction management positions nationally are projected to grow 11% by 2030 and in Northwest Ohio by 9.4%. According to the U.S. Bureau of Labor Statistics, the 2020 median salary with an associate's degree was \$54,280/year.

Program Learning Outcomes

Upon completion, the student will be able to:

1. Successfully interpret construction drawings.
2. Apply their growing set of skills to creatively solve technical problems.
3. Accurately compute overall job material and labor costs.
4. Utilize safety in all aspects of construction.

Construction Management Concentration

Associate of Science Degree

Structured Course Sequence (4 Semester Plan)

First Year

First Semester		Hours
COM 1110	English Composition	3
CET 1100	Construction Documents	3
CPT 1250	Computer Applications in the Workplace	3
MTH 1370	College Algebra	4
SOC 1010	Sociology	3
SDE 1010	First Year Experience	1
Term Hours		17

Second Semester

BIO 1210	Biology I	4
COM 1140	Technical Writing	3
HST 2300	Technology and Civilization	3
CET 2110	Planning and Scheduling	3
MTH 1430	Trigonometry	3
Term Hours		16

Second Year

First Semester

COM 2110	Public Speaking	3
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HST 1610	American History to 1877	3
CHM 1110	Introductory General Chemistry	4
CET 1110	Construction Methods	3
CET 1130	Construction Drawings	3

Term Hours 16

Second Semester

COM 1200	Writing in the Sciences	3
ECN 1410	Macroeconomics	3
PSY 1010	General Psychology	3
CET 1230	Quantity Survey	3
BIO 2820	Associate of Science Capstone	1
SOC 1320	American Cultural Diversity	3

Term Hours 16

Total Hours 65

 Capstone course

Course Electives

Social and Behavioral Sciences (12 Credits)

Code	Title	Hours
ANT 2411	Cultural Anthropology (TAG)	3
ECN 1410	Macroeconomics (TAG)	3
ECN 1430	Microeconomics (TAG)	3
POL 1010	American Government	3
PSY 1010	General Psychology (OTM/TAG)	3
PSY 1730	Abnormal Psychology (OTM/TAG)	3
PSY 2150	Lifespan Psychology (OTM/TAG)	3
PSY 2200	Social Psychology (OTM/TAG)	3
PSY 2301	Educational Psychology (OTM/TAG)	3
SOC 1010	Sociology (OTM/TAG)	3
SOC 1200	Death and Dying (OTM)	3
SOC 1210	Family Sociology (OTM/TAG)	3
SOC 1320	American Cultural Diversity (OTM/TAG)	3
SOC 2211	World Religions: History, Belief, and Practice (OTM)	3
SOC 2300	Social Problems (OTM/TAG)	3

Arts and Humanities (9 Credits)

Code	Title	Hours
COM 1801	Creative Writing: Fiction	3
COM 2110	Public Speaking (OTM/TAG)	3
HST 1011	Western Civilization I (OTM/TAG)	3
HST 1012	Western Civilization II (OTM/TAG)	3
HST 1610	American History to 1877 (OTM/TAG)	3
HST 1620	American History Since 1877 (OTM/TAG)	3
HST 2300	Technology and Civilization	3
HST 2510	History of Latin America	3
LIT 2210	Introduction to Literature (OTM)	3
LIT 2215	Native American Literature (OTM)	3
LIT 2227	Literature of Graphic Novels (OTM)	3
LIT 2250	The American Short Story (OTM)	3
LIT 2260	Fantasy Literature (OTM/TAG)	3
LIT 2301	British Literature I (OTM)	3

LIT 2305	Introduction to Shakespeare (OTM)	3
LIT 2310	Literature and the Holocaust (OTM)	3
LIT 2450	Themes in Literature and Film (OTM)	3
PHL 1011	Introduction to Philosophy	3
THR 1010	Introduction to Theatre (OTM)	3

Mathematics (6-10 Credits)

Code	Title	Hours
MTH 1260	Statistics (OTM)	3
MTH 1370	College Algebra (OTM)	4
MTH 1430	Trigonometry (OTM)	3
MTH 1611	Business Calculus (OTM)	5
MTH 1711	Calculus I (OTM)	5
MTH 1721	Calculus II (OTM)	5
MTH 2660	Calculus III (OTM/TAG)	4
MTH 2670	Differential Equations (OTM/TAG)	4
MTH 2680	Elementary Linear Algebra (OTM/TAG)	4

Information Literacy (3 Credits)

Code	Title	Hours
CPT 1250	Computer Applications in the Workplace	3

Sciences (8 Credits)

Code	Title	Hours
CHM 1110	Introductory General Chemistry (OTM)	4
CHM 1120	Introductory Organic and Biochemistry (OTM)	4
PHY 1120	Physics I (OTM/TAG)	4
PHY 1130	Physics II (OTM/TAG)	4
BIO 1400	Microbiology (OTM)	4
BIO 1110	Anatomy and Physiology I (OTM)	4
BIO 1120	Anatomy and Physiology II (OTM)	4
BIO 2121	Introduction to Human Genetics (OTM)	4
GLG 1000	Physical Geology (OTM/TAG)	4

English Composition and Literature (6 Credits)

Code	Title	Hours
COM 1110	English Composition (OTM)	3
COM 1140	Technical Writing (OTM)	3
COM 1160	Business Communications (OTM/TAG)	3
COM 1200	Writing in the Sciences (OTM)	3
COM 2213	Verbal Judo (OTM)	3
COM 2400	Composition and Literature (OTM)	3

Other Approved Course Electives

Code	Title	Hours
Accounting		
ACC 1010	Corporate Accounting Principles (TAG)	4
ACC 1020	Managerial Accounting Principles (TAG)	4
Medical Terminology		
BHS 1390	Medical Terminology (TAG)	2
Business		
BUS 2100	Business Law (TAG)	3
Electronic Engineering Technology		

EET 1110	Circuit Analysis I (TAG)	3
EET 1130	Electronics (TAG)	4

Human Service

HUM 1111	Introduction to Social Work (TAG)	3
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Mechanical Engineering Design

MET 1000	Engineering Graphics with AutoCAD (TAG)	3
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Mechanical Engineering Technology

MET 1020	Material Science (TAG)	3
MET 2210	Strength of Materials (TAG)	3


Marketing


MKT 1010	Principles of Marketing (TAG)	3
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Spanish

SPN 1010	Beginning Spanish Language I (TAG)	3
SPN 1020	Beginning Spanish Language II (TAG)	3
SPN 2010	Intermediate Spanish I (TAG)	3
SPN 2020	Intermediate Spanish II (TAG)	3

Other Requirements

Code	Title	Hours
BIO 2820 	Associate of Science Capstone	1
SDE 1010	First Year Experience	1

 Capstone Course