

# AAS IN CONSTRUCTION ENGINEERING TECHNOLOGY TO BS IN CONSTRUCTION MANAGEMENT

The B.S. in Construction Management is fully offered at the Kent Campus

## SUGGESTED SEQUENCE AT CUYAHOGA COMMUNITY COLLEGE

Semester One	16 Credits	KSU Equivalent
CNST 1281 Construction Engineering Orientation	3	CMGT 10001 Intro to Construction Management
CNST 1731 Construction Print Reading	3	CMGT 22200 Construction Document Reading
MATH 1530 College Algebra	4	MATH 11010 Algebra for Calculus (KMCR)
Select one of the following: ENG 1010 College Composition I or ENG 101H Honors College Composition I	3	ENG 11011 College Writing I (KCP1)
Select one of the following: IT 1090 Computer Applications or IT 109H Honors Computer Applications	3	IT 11000 Introduction to Office Productivity Apps
Semester Two	16 Credits	KSU Equivalent
CNST 1410 Architectural CAD I	3	CMGT 1X000
CNST 1750 Construction Safety	3	CMGT 11044 Construction Safety
CNST 2131 Construction Methods and Materials	3	CMGT 11071 Construction Materials and Methods I
MATH 1540 Trigonometry	3	MATH 11022 Trigonometry (KMCR)
PHYS 1210 College Physics I	4	PHY 13001 & 13021 General College Physics I and Lab I (KBS, KLAB)
Semester Three	15 Credits	KSU Equivalent
CNST 2201 Introduction to Building Information Modeling	3	CMGT 42030 BIM for Construction Management
CNST 2210 Mechanical and Electrical Systems	3	CMGT 31033 Mechanical Systems
CNST 2990 Construction Estimating & Cost Analysis	3	CMGT 41040 Construction Estimating I
ENG 2151 Technical Writing	3	ENG 20002 Introduction to Technical Writing (KCP2)
MET 1601 Technical Statics	3	MERT 22005 Statics
Semester Four	15 Credits	KSU Equivalent
CNST 2330 Construction Scheduling	3	CMGT 42107 Construction Scheduling
CNST 1510 Green Building & Sustainability	3	CMGT 27210 Sustainability in the Built Environment
MET 2200 Strength of Materials	3	MERT 22007 Strength of Materials
ACCT 1311 Financial Accounting	3	ACCT 23020 Introduction to Financial Accounting
Arts and Humanities/Social or Behavioral Sciences req.	3	(KFA/KHUM)** or (KSS)

**62 TOTAL CREDIT HOURS TO COMPLETE  
AAS FROM CUYAHOGA COMMUNITY COLLEGE**

## SUGGESTED SEQUENCE AT KENT STATE

Semester Five	15 Credits
ECON 22060 Principles of Microeconomics (KSS) @	3
ARCH 10001 Understanding Architecture (KFA)**	3
CMGT 31023 Construction Surveying	3
MATH 11012 Intuitive Calculus (KMCR) @	3
Basic Science (KBS) @	3
Semester Six	15 Credits
CMGT 21071 Construction Materials and Methods II*	3
CMGT 41041 Construction Estimating II*	3
ECON 22061 Principles of Macroeconomics (KSS) @	3
MKTG 25010 Principles of Marketing	3
Additional or Concentration Requirements (Upper-Division)	3
Semester Seven	18 Credits
CMGT 33092 Construction Management Internship (minimum grade of C required) (ELR) (WIC)	3
FIN 26074 Legal Environment of Business @	3
MGMT 24163 Principles of Management @	3
CMGT 33111 Introduction to Building Structures	3
Additional or Concentration Requirements (Upper-Division)	3
Social Sciences (KSS - not ECON) or Humanities and Fine Arts (KHUM/KFA)** (Select requirement not completed in semester four at Tri-C)	3
Semester Eight	15 Credits
CMGT 31040 Electrical Systems for Construction Managers*	3
CMGT 42105 Construction Contracts and Law*	3
CMGT 42110 Construction Management Capstone	3
Additional or Concentration Requirements (Upper-Division)	6

**125 TOTAL CREDIT HOURS TO COMPLETE BS  
FROM KSU, INCLUDING TRANSFER  
COURSEWORK**

\* Spring only course.

\*\* Minimum one course must be selected from the Humanities in Arts and Sciences area, and minimum one course must be selected from the Fine Arts area.

@ Course may be taken at Cuyahoga Community College and transferred to Kent State. However, please be aware of [Kent State's residence policy](#). Once an associate degree is earned, additional courses taken at Tri-C may not be eligible for financial aid. Please see Financial Aid for details

Requirements to graduate with the BS degree program: To graduate, students must have minimum 120 credit hours, 39 upper-division credit hours of coursework, a minimum 2.250 major GPA and minimum 2.000 cumulative GPA. They must also fulfill an approved experiential learning experience, a two-course diversity requirement (domestic and global), complete a writing intensive course with a minimum C (2.000) grade. More specific graduation requirement information can be found in the Academic Policies section of the Kent State University Catalog ([www.kent.edu/catalog](http://www.kent.edu/catalog)).

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It is recommended that students intending to pursue the BS in Construction Management through Kent State University consult with academic advisors at both Cuyahoga Community College and Kent State University.

### ***Contact Information:***

#### ***Kent State University***

Academic Partnerships  
Enrollment Management Operations & Administration  
330-672-7341  
[pathways@kent.edu](mailto:pathways@kent.edu)

#### ***Cuyahoga County Community College***

Campus Counseling Center  
[www.tri-c.edu/counseling-center](http://www.tri-c.edu/counseling-center)

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