# 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:<br>ENG 1010 College Composition I or<br>ENG 101H Honors College Composition I | 3 | ENG 11011 College Writing I (KCP1) |
| Select one of the following:<br>IT 1090 Computer Applications or<br>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<br>or Behavioral Sciences req. (Not ECON) | 3 | (KFA/KHUM)*<br>or (KSS) |
| **62 TOTAL CREDIT HOURS TO COMPLETE AAS FROM CUYAHOGA COMMUNITY COLLEGE** | | |

* 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.

| SUGGESTED SEQUENCE AT KENT STATE | |
|---|---|
| **Semester Five** | **15 Credits** |
| ECON 22060 Principles of Microeconomics (KSS) @ECON 2000 | 3 |
| ARCH 10001 Understanding Architecture (KFA)* | 3 |
| CMGT 31023 Construction Surveying | 3 |
| MATH 11012 Intuitive Calculus (KMCR) @MATH 1480 | 3 |
| Kent Core Basic Science (KBS) @ | 3 |
| **Semester Six** | **18 Credits** |
| CMGT 21071 Construction Materials and Methods II | 3 |
| CMGT 41041 Construction Estimating II | 3 |
| ECON 22061 Principles of Macroeconomics (KSS) @ECON 2010 | 3 |
| MKTG 25010 Principles of Marketing | 3 |
| Additional or Concentration Requirements (Upper-Division) | 3 |
| Kent Core Humanities and Fine Arts (KHUM/KFA)* @ | 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)<br>or Humanities and Fine Arts (KHUM/KFA)*<br>(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 43099 Construction Management Capstone | 3 |
| Additional or Concentration Requirements (Upper-Division) | 6 |
| **128 TOTAL CREDIT HOURS TO COMPLETE BS FROM KSU, INCLUDING TRANSFER COURSEWORK** | |

* 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).

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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
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pathways@kent.edu

***Cuyahoga Community College***
Campus Counseling Center
www.tri-c.edu/counseling-center


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