



This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Semester One: [16 Credit Hours]</b>					
CMGT 10001 Introduction to Construction Management	3			■	
MATH 11010 Algebra for Calculus	3				Enrollment based on placement; fulfills Kent Core Mathematics and Critical Reasoning
TECH 13580 Engineering Graphics I	3			■	
US 10097 Destination Kent State: First Year Experience	1				Not required for transfer students with 25 credits
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				See Kent Core Summary on page 2
<b>Semester Two: [15 Credit Hours]</b>					
CMGT 11044 Construction Safety	3			■	
CMGT 11071 Construction Materials and Methods I	3			■	
CMGT 22200 Construction Document Reading	3			■	
MATH 11022 Trigonometry	3				Fulfills Kent Core Additional
Kent Core Requirement	3				See Kent Core Summary on page 2
<b>Semester Three: [14 Credit Hours]</b>					
CMGT 31033 Mechanical Systems	3	■		■	
ENG 20002 Introduction to Technical Writing	3				
PHY 13001 General College Physics I	4				Fulfills Kent Core Basic Sciences
PHY 13021 General College Physics Laboratory I	1				
Kent Core Requirement	3				
<b>Semester Four: [15 Credit Hours]</b>					
CMGT 21071 Construction Materials and Methods II	3			■	
ECON 22060 Principles of Microeconomics	3				Fulfills Kent Core Social Sciences
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Kent Core Requirement	3				
<b>Semester Five: [16 Credit Hours]</b>					
ACCT 23020 Introduction to Financial Accounting	3				
CMGT 31023 Construction Surveying	3	■		■	
TECH 21021 Survey of Electricity and Electronics	4			■	
TECH 33111 Strength of Materials	3	■		■	
General Elective (upper division)	3	■			Should fulfill diversity requirement if not satisfied earlier
<b>Semester Six: [15 Credit Hours]</b>					
CMGT 31040 Electrical Systems for Construction Managers	3	■		■	
MIS 24163 Principles of Management	3				
MKTG 25010 Principles of Marketing	3				
General Elective (lower or upper division)	6				COMM 15000 Introduction to Human Communication is recommended
<b>Semester Seven: [15 Credit Hours]</b>					
CMGT 41040 Construction Estimating I	3	■		■	
CMGT 42107 Construction Scheduling	3	■		■	
ECON 22061 Principles of Macroeconomics	3				Fulfills Kent Core Additional
MIS 24053 Introduction to Computer Applications	3				
TECH 33092 Cooperative Education–Professional Development	3	■	C	■	Fulfills writing intensive course and experiential learning requirements


**Critical requirements are boldface in shaded areas**

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Semester Eight: [15 Credit Hours]</b>					
CMGT 41041 Construction Estimating II	3	■		■	
CMGT 42105 Construction Contracts and Law	3	■		■	
CMGT 42110 Construction Management Capstone	3	■		■	
General Elective (upper division)	6	■			FIN 36053 Business Finance is recommended for those who want to declare the Business minor (see note below); also recommended is COMM 15000 Introduction to Human Communication; number of credits required depends on meeting minimum 121 hours and 39 upper-division hours

**Graduation Requirements Summary**

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum GPA	
			Kent Core or General Electives			Major GPA	Overall GPA
121	39	36		TECH 33092	TECH 33092	2.250	2.000

**Kent Core Summary**

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in this major with MATH 11010	0
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i>	May fulfill domestic and/or global diversity requirement	9
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	3 credits fulfilled in this major with ECON 22060	3
<b>Basic Sciences (6-7 credit hours)</b> <i>Must include one laboratory</i>	5 credits fulfilled in this major with PHY 13001 and 13021; minimum 8 credit hours in this category required for this major	3
<b>Additional (6 credit hours)</b>	Fulfilled in this major with ECON 22061 and MATH 11022	0

**Note:** Students planning to declare the Business minor should review its admission and graduation criteria in the [University Catalog](#).

**Kent Core**

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list.

**Diversity Course Requirement**

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity) for course list.

**Writing-Intensive Course Requirement**

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.000) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) for course list.

**Experiential Learning Requirement (ELR)**

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit [www.kent.edu/catalog/elr](http://www.kent.edu/catalog/elr) for course list.

**Upper-Division Requirement**

Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.