



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 Division	Min. Grade	Important Notes
<b>Semester One: [16 Credit Hours]</b>				
<b>MATH 11010 Algebra for Calculus</b>	<b>3</b>			<b>Enrollment based on placement tests; fulfills Kent Core Mathematics and Critical Reasoning</b>
TECH 10001 Information Technology	3			
<b>TECH 22200 Construction Document Reading</b>	<b>3</b>			<b>Offered in fall only</b>
TECH 13580 Engineering Graphics I	3			
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits
Kent Core Requirement	3			See Kent Core Summary on page 2
<b>Semester Two: [14 Credit Hours]</b>				
<b>MATH 11022 Trigonometry</b>	<b>2</b>			
<b>TECH 21071 Construction Materials, Methods and Technology</b>	<b>3</b>			<b>Offered in spring only</b>
PSYC 11762 General Psychology	3			Fulfills Kent Core Social Sciences
TECH 20002 Materials and Processes	3			
Kent Core Requirement	3			See Kent Core Summary on page 2
<b>Semester Three: [17 Credit Hours]</b>				
<b>TECH 21021 Survey of Electricity and Electronics</b>	<b>4</b>			
<b>TECH 31015 Construction Technology</b>	<b>3</b>	■		
TECH 23581 Computer-Aided Engineering Graphics	3			
Kent Core Requirement	7			See Kent Core Summary on page 2
<b>Semester Four: [16 Credit Hours]</b>				
COMM 15000 Introduction to Human Communication	3			Fulfills Kent Core Additional
ECON 22060 Principles of Microeconomics	3			Fulfills Kent Core Social Sciences
Kent Core Requirement	7			See Kent Core Summary on page 2
General Elective (lower or upper division)	3			Should fulfill diversity requirement if not satisfied earlier
<b>Semester Five: [15 Credit Hours]</b>				
<b>TECH 31023 Construction Surveying</b>	<b>3</b>	■		<b>Offered in fall only</b>
<b>TECH 32105 Construction Jobsite Management</b>	<b>3</b>	■		<b>Offered in fall only</b>
MATH 11012 Intuitive Calculus	3			Fulfills Kent Core Additional
TECH 20001 Energy/Power	3			
Kent Core Requirement	3			See Kent Core Summary on page 2
<b>Semester Six: [15 Credit Hours]</b>				
<b>TECH 31043 Principles of Concrete Construction</b>	<b>3</b>	■		<b>Offered in spring only</b>
<b>TECH 31044 Construction Occupational Safety and Health</b>	<b>3</b>	■		<b>Offered in spring only</b>
MIS 24163 Principles of Management	3			Prerequisite for subsequent MIS courses
TECH 31000 Cultural Dynamics of Technology	3	■	C	Fulfills writing-intensive course requirement
TECH Elective (lower or upper division)	3			Recommended: TECH 33056



**Critical requirements are boldface in shaded areas**

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
<b>Semester Seven: [16 Credit Hours]</b>				
<b>TECH 41040 Construction Estimating I</b>	<b>3</b>	<b>■</b>		<b>Offered in fall only</b>
ENG 20002 Introduction to Technical Writing	3			
MIS 24056 Fundamentals of Business Statistics <i>or</i> MIS 44150 Total Quality Management	3			
TECH Elective (upper division)	4	■		Recommended: TECH 33056 (if not taken)
General Elective (lower or upper division)	3			Should fulfill diversity requirement if not satisfied earlier
<b>Semester Eight: [15 Credit Hours]</b>				
<b>TECH 41041 Construction Estimating II</b>	<b>3</b>	<b>■</b>		<b>Offered in spring only</b>
<b>TECH 42105 Construction Contracts</b>	<b>3</b>	<b>■</b>		<b>Offered in spring only</b>
<b>TECH 42107 Construction Scheduling</b>	<b>3</b>	<b>■</b>		<b>Offered in spring only</b>
PSYC 31773 Industrial Psychology	3	■		
General Elective (lower or upper division)	3			Number of credits required depends on meeting minimum 124 credit hours and 39 upper-division hours

**Graduation Requirements Summary**

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum Major GPA	Minimum Overall GPA
124	39	36	Kent Core and General Electives	TECH 31000	2.25	2.0

**Kent Core Summary**

Kent Core Categories	Important Notes	Remaining Credit Hours
<b>Additional (6 credit hours)</b> <i>Must be selected from two Kent Core categories</i>	Fulfilled in this major with ECON 22061, MATH 11012	0
<b>Basic Sciences (8 credit hours)</b> <i>Must include one laboratory</i>	Includes additional course as required by the college for this program	8
<b>Composition (6-8 credit hours)</b> <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
<b>Humanities and Fine Arts (9 credit hours)</b> <i>Minimum one course from humanities in Arts and Sciences category and minimum one course from fine arts category</i>	May fulfill domestic diversity requirement	9
<b>Mathematics and Critical Reasoning (3-5 credit hours)</b>	Fulfilled in this major with MATH 11010.	0
<b>Social Sciences (6 credit hours)</b> <i>Must be selected from two curricular areas</i>	Fulfilled in this major with ECON 22060 and PSYC 11762	0

**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 (2.00) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) 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.