

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester One: [16 Credit Hours]				
MATH 11010 Algebra for Calculus	3			Enrollment based on placement tests; fulfills LER Mathematics and Critical Reasoning
TECH 10001 Information Technology	3			
COMM 15000 Introduction to Human Communication	3			Fulfills LER Additional
ENG 11011 College Writing I <i>or</i> LER Humanities or Fine Arts	3			ENG 11011 fulfills LER Composition; visit www.kent.edu/catalog and search "LER" for course list
TECH 13580 Engineering Graphics I	3			
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits
Semester Two: [17 Credit Hours]				
CHEM 10060 General Chemistry I	4			Fulfills LER Basic Sciences
CHEM 10062 General Chemistry I Laboratory	1			
CS 10061 Introduction to Computer Programming	3			
MATH 11022 Trigonometry	2			
TECH 20004 Fundamentals of Electronic Circuits	4			
ENG 11011 College Writing I <i>or</i> LER Humanities or Fine Arts	3			ENG 11011 fulfills LER Composition; visit www.kent.edu/catalog and search "LER" for course list
Semester Three: [16 Credit Hours]				
MATH 12002 Analytical Geometry and Calculus I	5			Fulfills LER Mathematics
PHY 23101 General University Physics I	5			Fulfills LER Basic Sciences
ENG 21011 College Writing II	3			Fulfills LER Composition
LER Humanities	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Semester Four: [15 Credit Hours]				
MATH 12003 Analytical Geometry and Calculus II	5			
PHY 23102 General University Physics II	5			Fulfills LER Basic Sciences
TECH 23200 Electronic Circuits Fabrication Lab	1			
TECH 33220 Electronic Devices	4	■		
Semester Five: [15 Credit Hours]				
MATH 21001 Linear Algebra with Applications	3			
TECH 33222 Digital Design and Applications	3	■		
ECON 22060 Principles of Microeconomics	3			Fulfills LER Social Sciences
ENG 20002 Introduction to Technical Writing	3			
LER Fine Arts	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Semester Six: [15 Credit Hours]				
MIS 24056 Principles of Business Statistics	3			
MIS 24163 Principles of Management	3			
TECH 46330 Visual Basic Programming in Engineering Technology	3	■		
ECON 22061 Principles of Macroeconomics	3			Fulfills LER Additional
LER Social Sciences	3			Should fulfill diversity requirement if not satisfied earlier; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester Seven: [13 Credit Hours]				
TECH 33010 Computer Hardware	3	■		
TECH 43026 Microprocessor Systems	4	■		
MIS 34060 Operations Management	3	■		
TECH 31000 Cultural Dynamics of Technology	3	■	C	Fulfills writing-intensive course requirement
Semester Eight: [16 Credit Hours]				
MIS 44150 Total Quality Management	3	■	C	Fulfills writing-intensive course requirement
TECH 33016 PC/Network Engineering and Troubleshooting	3	■		
TECH 33223 Electronic Communication	3	■		
TECH 43221 Digital Control Systems and Instrumentation	4	■		
TECH 46311 Technology of Networking	3	■		

Graduation Requirements Summary

Total Hours	Upper-Division Hours	Liberal Education Requirements Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum	
					Major GPA	Overall GPA
123	39	36	LER	TECH 31000 or MIS 44150	2.25	2.0

Liberal Education Requirements (LER)

Students must complete a minimum 36 credit hours of Liberal Education Requirements. Colleges or degree programs may specify certain courses to fulfill the requirements. Courses in the students' major field will not count toward the completion of any LER. Honors equivalents shall satisfy the LER. None of the courses on the LER list may be taken with a pass/fail grade.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic focus and one with a global focus. One course must be come from the LER and cannot be in the student's major. The second course may be taken as a second LER; or within a major or minor; or as a general elective; or, with dean's approval, by completing one semester of study in another country.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade.

Upper-Division Requirement

In general, baccalaureate programs require the successful completion of at least 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.