

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		C	Fulfills LER Mathematics and Critical Reasoning
TECH 15000 Introduction to Aeronautics	3			
ENG 11011 College Writing I	3			Fulfills LER Composition
GEOG 17063 World Geography	3			Fulfills LER Social Sciences and global diversity course requirement
TECH 10001 Information Technology	3			
US 10097 Destination Kent State: FYE	1			Not required for transfer students with 25 credits
Semester Two: [17 Credit Hours]				
MATH 11022 Trigonometry	3		C	
TECH 15740 Elements of Flight Theory	5			
TECH 13580 Engineering Graphics I	3			
TECH 20002 Materials and Processes	3			
ENG 20002 Introduction to Technical Writing	3			
Semester Three: [17 Credit Hours]				
MATH 12002 Analytic Geometry and Calculus I	5			Fulfills LER Mathematics and Critical Reasoning
PHY 13011 College Physics I	2			Fulfills LER Basic Sciences; both courses must be taken together
PHY 13021 General College Physics Laboratory I	1			
ECON 22060 Principles of Microeconomics	3			Fulfills LER Social Sciences
ENG 21011 College Writing II	3			Fulfills LER Composition
TECH 25250 Elements of Aviation Weather	3			
Semester Four: [18 Credit Hours]				
MATH 12003 Analytic Geometry and Calculus II	5			
PHY 13012 College Physics II	2			Fulfills LER Basic Sciences; courses must be taken together
PHY 13022 General College Physics Laboratory II	1			
TECH 21021 Survey of Electricity and Electronics	4			
ECON 22061 Principles of Macroeconomics	3			Fulfills LER Additional
TECH 33033 Hydraulics/Pneumatics	3	■		
Semester Five: [15 Credit Hours]				
MATH 22005 Analytic Geometry and Calculus III	3			
TECH 35040 Aircrafts Systems I	3	■		
TECH 35150 Aircrafts Structures	3	■		
TECH 35340 Airport Management	3	■		
TECH 35341 Air Transportation Systems	3	■		
Semester Six: [15 Credit Hours]				
TECH 35342 Air Traffic Control	3	■		
TECH 45150 Applied Flight Dynamics I	3	■		
COMM 15000 Introduction to Human Communication	3			Fulfills LER Additional
TECH 35020 Aircraft Propulsion Systems	3	■		
TECH 45130 Physiology and Human Factors	3	■		

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
Semester Seven: [16 Credit Hours]				
TECH 45030 Aircraft Systems II	3	■	C	Fulfills writing-intensive course requirement; offered in fall only
TECH 45151 Applied Flight Dynamics II	3	■		Offered in fall only
TECH 45250 Aviation Law and Safety	3	■		
TECH 45350 Avionics	3	■		
TECH 45291 Aerospace Senior Seminar	1	■		Prerequisite of senior standing
LER Humanities or Fine Arts	3			Should fulfill domestic diversity requirement; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
Semester Eight: [15 Credit Hours]				
TECH 45121 Advanced Aerospace Propulsion	3	■		Offered in spring only; prerequisite TECH 35020
TECH 45700 Aircraft Design	3	■		Offered in spring only
TECH 45791 Aviation Security and Policy Seminar	3	■	C	Fulfills writing-intensive course requirement
LER Fine Arts	3			Should fulfill domestic diversity requirement; visit www.kent.edu/catalog and search "LER" and "diversity" for course lists
LER Humanities	3			

Graduation Requirements Summary

Total Hours	Upper-Division Hours	Liberal Education Requirements Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum	
					Major GPA	Overall GPA
129	39	36	GEOG 17063 / LER Humanities	TECH 45030 or TECH 45791	2.25	2.00

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.