

**Critical requirements are boldface in shaded areas**

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>Fulfills LER Mathematics and Critical Reasoning</b>
<b>TECH 15000 Introduction to Aeronautics</b>	<b>3</b>			
<b>TECH 15250 FAA Orientation</b>	<b>3</b>			
ENG 11011 College Writing I <i>or</i> GEOG 17063 World Geography	3			ENG 11011 fulfills LER Composition; GEOG 17063 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
<b>Semester Two: [17 Credit Hours]</b>				
<b>MATH 11022 Trigonometry</b>	<b>2</b>			
<b>TECH 15740 Elements of Flight Theory</b>	<b>5</b>			
ENG 11011 College Writing I <i>or</i> GEOG 17063 World Geography	3			ENG 11011 fulfills LER Composition; GEOG 17063 fulfills LER Social Sciences and global diversity course requirement
TECH 13580 Engineering Graphics I	3			
TECH 21021 Survey of Electricity and Electronics	4			
<b>Semester Three: [15 Credit Hours]</b>				
<b>PHY 13011 College Physics I</b>	<b>2</b>			<b>Fulfills LER Basic Sciences; courses must be taken together</b>
<b>PHY 13021 General College Physics Laboratory I</b>	<b>1</b>			
<b>TECH 25250 Elements of Aviation Weather</b>	<b>3</b>			
ECON 22060 Principles of Microeconomics	3			Fulfills LER Social Sciences
ENG 21011 College Writing II <i>or</i> LER Additional	3			ENG 21011 fulfills LER Composition; visit <a href="http://www.kent.edu/catalog">www.kent.edu/catalog</a> and search "LER" for course list
MATH 11012 Intuitive Calculus	3			Fulfills LER Mathematics and Critical Reasoning
<b>Semester Four: [15 Credit Hours]</b>				
<b>PHY 13012 College Physics II</b>	<b>2</b>			<b>Fulfills LER Basic Sciences; courses must be taken together</b>
<b>PHY 13022 General College Physics Lab II</b>	<b>1</b>			
<b>TECH 25350 Fundamentals of Air Traffic Control</b>	<b>2</b>			<b>Courses must be taken together</b>
<b>TECH 25351 Fundamentals of Air Traffic Control Laboratory I</b>	<b>1</b>			
ENG 20002 Introduction to Technical Writing	3			
TECH 20002 Materials and Processes	3			
ENG 21011 College Writing II <i>or</i> LER Additional	3			ENG 21011 fulfills LER Composition; visit <a href="http://www.kent.edu/catalog">www.kent.edu/catalog</a> and search "LER" for course list
<b>Semester Five: [15 Credit Hours]</b>				
<b>TECH 35020 Aircraft Propulsion Systems</b>	<b>3</b>	■		
<b>TECH 35340 Airport Management</b>	<b>3</b>	■		
<b>TECH 35341 Air Transportation Systems</b>	<b>3</b>	■		
COMM 15000 Introduction to Human Communication	3			Fulfills LER Additional
TECH 35342 Air Traffic Control	3	■		

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes
<b>Semester Six: [15 Credit Hours]</b>				
TECH 35343 En Route Air Traffic Control	2	■		Offered in spring only; courses must be taken together
TECH 35344 En Route Air Traffic Control Laboratory	1	■		
MIS 24163 Principles of Management	3			
TECH 33033 Hydraulics/Pneumatics	3	■		
TECH 45130 Physiology and Human Factors	3	■		
LER Humanities or Fine Arts	3			Should fulfill domestic diversity requirement if not satisfied earlier; visit <a href="http://www.kent.edu/catalog">www.kent.edu/catalog</a> and search "LER" and "diversity" for course lists
<b>Semester Seven: [15 Credit Hours]</b>				
TECH 45250 Aviation Law and Safety	3	■		
TECH 45320 Air Traffic Control II	2	■		Offered in fall only; courses must be taken together
TECH 45321 Air Traffic Control II Laboratory	1	■		
TECH 45350 Avionics	3	■		
LER Humanities	3			Should fulfill domestic diversity requirement if not satisfied earlier; visit <a href="http://www.kent.edu/catalog">www.kent.edu/catalog</a> and search "LER" and "diversity" for course lists
General Elective (lower or upper division)	3			
<b>Semester Eight: [16 Credit Hours]</b>				
TECH 45150 Applied Flight Dynamics	3	■		
TECH 45291 Aerospace Senior Seminar	1	■		
TECH 45343 En Route Air Traffic Control II	2	■		Courses must be taken together
TECH 45344 En Route Air Traffic Control II Laboratory	1	■		
TECH 45791 Aviation Security and Policy Seminar	3	■	C	Fulfills writing-intensive requirement
LER Fine Arts	3			Should fulfill domestic diversity requirement if not satisfied earlier; visit <a href="http://www.kent.edu/catalog">www.kent.edu/catalog</a> and search "LER" and "diversity" for course lists
General Elective (lower or upper division)	3			

### Graduation Requirements Summary

Total Hours	Upper-Division Hours	Liberal Education Requirements Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum	
					Major GPA	Overall GPA
124	39	36	GEOG 17063 / LER or General Elective	TECH 45791	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.