Roadmap: Aeronautics - Aviation Management - Management for Non-Business Majors minor - Bachelor of Science

AT-BS-AERN-AVMN

College of Applied Engineering, Sustainability and Technology

Management for Non-Business Majors Minor [MGMN]

College of Business Administration

Department of Management and Information Systems

Catalog Year: 2014-2015

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

Critical	Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
Semester One [16 Credits]							
!	**AERN 15000 Introduction to Aeronautics**	3			■		
!	**AERN 15745 Non-Pilot Elements of Flight Theory**	3			■		
!	**MATH 11010 Algebra for Calculus**	3				KMC	
	US 10097 Destination Kent State: First Year Experience [1]	1					
	Kent Core Requirement	3					
	Kent Core Requirement	3					
Semester Two [15 Credits]							
	AERN 25250 Elements of Aviation Weather	3			■		
	AERN 25350 Fundamentals of Air Traffic Control	2			■		
	AERN 25351 Fundamentals of Air Traffic Control Laboratory	1			■		
	COMM 15000 Introduction to Human Communication	3				KAD	
	MATH 11022 Trigonometry	3				KAD	
	TECH 13580 Engineering Graphics I	3			■		
Semester Three [14 Credits]							
	ECON 22060 Principles of Microeconomics [2]	3				KSS	
	PHY 13001 General College Physics I	4				KBS	
	PHY 13021 General College Physics Laboratory I	1				KBS	
	Kent Core Requirement	3					
	Kent Core Requirement	3					
Semester Four [15 Credits]							
Note: declare the Management for Non-Business Majors minor							
!	**AERN 35340 Airport Management**	3	■		■		
!	**MIS 24163 Principles of Management [2]**	3			■		
	ACCT 23020 Introduction to Financial Accounting [2]	3			■		
	ECON 22061 Principles of Macroeconomics	3				KSS	
	PHY 13012 College Physics II [3]	2				KBS	
	PHY 13022 General College Physics Laboratory II	1				KBS	
Semester Five [15 Credits]							
	AERN 35341 Air Transportation Systems	3	■		■		
	MIS 34165 Dynamics of Leadership [2]	3	■		■		
	MKTG 25010 Principles of Marketing [2]	3			■		
	TECH 31016 Manufacturing Technology	3	■		■		
	Kent Core Requirement	3					
Semester Six [15 Credits]							
!	**AERN 45150 Applied Flight Dynamics I**	3	■		■		
!	**AERN 45250 Aviation Law**	3	■		■		
	COMM 20001 Interpersonal Communication [2]	3			■		
	TECH 36620 Project Management in Engineering and Technology	3	■		■		
	General Electives (upper-division)	3					
Semester Seven [15 Credits]							
!	**AERN 45791 Aviation Security and Policy Seminar [4]**	3	■		■	WIC	
	AERN 45100 Operational Planning in Aviation	3	■		■		
	AERN 45130 Physiology and Human Factors of Flight	3	■		■		
	AERN 45135 Aviation Safety Theory	3	■		■		
	TECH 31000 Cultural Dynamics of Technology [4]	3	■		■	DD/WIC	
Semester Eight [15 Credits]							
!	**AERN 45291 Aerospace Senior Seminar**	1	■		■		
	AERN 45200 Strategic Aviation Management	3	■		■		
	FIN 36053 Business Finance [2]	3	■		■		
	Kent Core Requirement	3					
	General Electives (upper-division)	5	■				

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
120	39	36	2.250	2.000

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.

2. Fulfills Management for Non-Business Majors minor requirement (see catalog for requirements of the minor).

3. Students who successfully completed PHY 13002 will have met the requirement for PHY 13012.

4. A minimum C grade must be earned in either AERN 45791 or TECH 3100 to fulfill the writing-intensive requirement.

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University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	**Kent Core I. Composition** Enrollment based on placement test	visit www.kent.edu/catalog/kent-core	6
KMC	**Kent Core II. Mathematics and Critical Reasoning** Enrollment based on placement test	MATH 11010	fulfilled
KHU	**Kent Core III. Humanities** Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFA	**Kent Core IV. Fine Arts** Minimum one course from the fine arts; may fulfill diversity requirement	visit www.kent.edu/catalog/kent-core	3
KFH	**Kent Core V. Humanities or Fine Arts** One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit www.kent.edu/catalog/kent-core	3
KSS	**Kent Core VI. Social Sciences** Must be selected from two curricular areas; may fulfill diversity requirement	ECON 22060	3
KBS	**Kent Core VII. Basic Sciences** Must include one laboratory	PHY 13001, PHY 13012, PHY 13021, PHY 13022	fulfilled
KAD	**Kent Core VIII. Additional** May fulfill diversity requirement	COMM 15000, MATH 11022,	fulfilled
DD	**Domestic Diversity Course Requirement** Either domestic or global diversity must be from Kent Core	TECH 31000	fulfilled
DG	**Global Diversity Course Requirement** Either domestic or global diversity must be from Kent Core	visit www.kent.edu/catalog/diversity	one course
ELR	**Experiential Learning Requirement** Either course or non-course experience approved by the appropriate faculty member	www.kent.edu/catalog/elr	one course or activity
WIC	**Writing-Intensive Course Requirement** Minimum C (2.000) grade	AERN 45791, TECH 31000	fulfilled