

Embry- Riddle Aeronautical University - Worldwide
BS in Technical Management Program Plan File (PPF)
Category I

Degree Requirements	Required Semester Credits	CCAF Transfer Credits	Course Credits to take at Institution
General Education	36	21	15
Communication Theory and Skills (9)			
ENGL 123 English Composition	3	3 ³	
ENGL 222 Business Communication	3	3	
SPCH 219 Speech	3	3	
Humanities (6)			
HUMN 330 Values and Ethics	3	3	
Humanities elective (lower or upper level)	3	3	
Social Sciences (6)			
ECON 210 Microeconomics	3		3
ECON 211 Macroeconomics	3		3
Physical and Life Science lower-level elective (6)			
PHYS 123 Science of Flight	3		3
Physics/Biology/Meteorology/Chemistry, etc.	3	3 ⁴	
Mathematics (6)			
MATH 111 Pre-calculus for Aviation	3		3 ⁵
STAT 211 Statistics with Aviation Applications –or– STAT 222 Business Statistics	3		3 ⁵
Computer Science (3)			
CSCI 123 Introduction to Computing for Data Analysis	3	3 ⁶	
Core/Major			
Technical Management Core	36	12	24
MGMT 201 Principles of Management	3	3	
MGMT 221 Introduction to Management Information Systems	3	3 ⁶	
MGMT 311 Marketing	3		3
MGMT 210 Financial Accounting	3		3
MGMT 312 Managerial Accounting	3		3
MGMT 317 Organizational Behavior	3	3 ⁷	
MGMT 325 Social Responsibility and Ethics in Management	3	3	
MGMT 332 Corporate Finance I	3		3
MGMT 335 International Business	3		3
MGMT 390 Business Law	3		3
MGMT 420 Management of Production and Operations	3		3

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MGMT 436 Strategic Management	3		3
Technical Management Major –OR-	21⁸		21⁸
MGMT 320 Business Information Systems	3		3
MGMT 321 Aviation/Aerospace Systems Analysis Methods	3		3
PMGT 325 Concepts and Practices of Project Management	3		3
MGMT 394 Information Security Management	3		3
MGMT 411 Logistics Management for Aviation/Aerospace	3		3
MGMT 444 Principles of Supply Chain Management	3		3
MGMT 449 Strategic Marketing Management	3		3
Aviation Management Major	21⁸		21⁸
MGMT 408 Airport Management	3		3
BSAB 412 Airport Planning and Design	3		3
BSAB 415 Airline Management	3		3
AMNT 416 Aviation Maintenance Management: A Global Perspective	3		3
BSAB 425 Trends and Current Problems in Air Transportation	3		3
BSAB 426 International Aviation Management	3		3
BSAB 450 Aviation/Airport Marketing	3		3
Management of Information Systems Major –OR-	21⁸		21⁸
Select seven of the following			
MGMT 321 Aviation/Aerospace Systems Analysis Methods	3		3
MGMT 385 Programming Concepts	3		3
MGMT 392 Database Management	3		3
MGMT 393 Computer Networks	3		3
MGMT 394 Information Security Management	3		3
MGMT 422 Information Technology Management, Strategy and Governance	3		3
MGMT 428 Business Analytics and Data Intelligence	3		3
MGMT 494 Aviation Information Systems	3		3
Information Security Major –OR-	21⁸		21⁸
MGMT 386 Fundamentals of Information Systems Security	3		3
Select six of the following	18		18
MGMT 387 Managing Risk in Information Systems			
MGMT 388 System Forensics, Investigation, and Response			
MGMT 389 Information Assurance and Information Quality			
MGMT 401 Information Security Policies			
MGMT 402 Legal Issues in Information Security			

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MGMT 403 IT Audit and Control			
MGMT 404 Business Continuity & Disaster Recovery Planning			
Occupational Safety and Health Major –OR-	21⁸		21⁸
SFTY 311 Fundamentals of Occupational Safety and Health	3		3
SFTY 315 Environmental Compliance and Safety	3		3
SFTY 321 Ergonomics	3		3
SFTY 355 Industrial Hygiene and Toxicology	3		3
SFTY 360 Construction Safety	3		3
SFTY 365 Fire Protection	3		3
SFTY 410 Design of Engineering Hazard Controls –or- SFTY 420 Systems Design for Fire & Life Safety	3		3
Human Resources Management Major – OR-	21⁸		21⁸
MGMT 314 Human Resources Management	3		3
MGMT 371 Leadership	3		3
MGMT 324 Aviation Labor Relations	3		3
MGMT 427 Management of the Multicultural Workforce	3		3
MGMT 482 Human Resources Training and Development	3		3
MGMT 483 Compensation and Benefits	3		3
MGMT 495 Staffing and Workforce Planning	3		3
Electives			
Transfer Credit –or- COB Minor –or- MGMT Electives	12	12	0
If technical transfer credit is not applicable, the 12 hours can ONLY be used toward COB minors. If no minor is chosen, then any non-duplicated MGMT 200-300-400 level courses.		12 ⁹	
Open Electives (upper or lower level) may be used for Minors in other departments or MSSA Technical Specialization	15	15	0
Any undergraduate non-duplicated courses		15 ⁹	
Total Credits Required: Bachelor of Science Degree	120	60	60

NOTES:

1. This degree will require no more than 60 SH to be taken with ERAU-Worldwide toward the declared AU-ABC program for students who have met the CCAF graduation requirements. For credit evaluation of courses taken at other academic institutions (not listed above), students should submit official transcripts with their admissions application. All previously earned credit (ERAU and otherwise) will be taken into consideration for course exemption decisions. After initial evaluation, no more than 60 additional ERAU credits will be required for completion of a Category I program.
2. Even though transfer credit is awarded for a specific ERAU course as part of the Agreement, no assumption may be made that credit is awarded for any prerequisite course(s) to the ERAU course unless specifically a part of this Agreement. A grade of “C” or better is required to be accepted as transfer credit.

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3. English Composition - ENGL-123 - Transfer credit may be awarded, or these courses may be required if no transfer credit is present. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.
4. Physical/Life Science Elective – may be awarded for any MET 1000-2000 level course or PHY1422 course meeting this requirement. If this transfer credit is not present 3 SH of Physics/Biology/Meteorology/Chemistry courses may be required, but no more than 60 SH will be required to complete the degree program.
5. Math Courses – MATH 111, STAT 211, STAT 222 - Transfer credit may be awarded, or these courses may be required if no transfer credit is present. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.
6. Computer Courses – CSCI 123 & MGMT 221 – Transfer credit may be awarded, or these courses may be required if no transfer credit is present. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.
7. Management Course -MGMT 317 - Transfer credit may be awarded, or this course may be required if no transfer credit is present. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program.
8. Select one (1) Major from one of the following: Technical Management Major, Aviation Management Major, Management of Information Systems Major, Information Security Major, Occupational Safety & Health Major, and Human Resources Management Major.
9. Elective Hours provided may be adjusted depending on the amount of transfer credit awarded for General Education & Core Requirements in addition to previous ERAU credit awarded. If transfer credit is not awarded no more than 60 SH will be required to complete the degree program