B.S. in Technical Management

DEGREE REQUIREMENTS

General Education

General Education

Embry-Riddle courses in the general education categories of Communication Theory and Skills, Humanities, and Social Sciences may be chosen from the list below, assuming prerequisite requirements are met. Courses from other institutions are acceptable if they fall into these broad categories and are at the level specified.

Communication Theory and Skills

ENGL 123	English Composition	3
ENGL 222	Business Communication	3
Any Communication Theory and Skills above ENGL 106		3

Humanities**

Humanities elective (lower or upper level)		3
Any Upper Level Humanities		3

Social Sciences

ECON 210	Microeconomics	3
ECON 211	Macroeconomics	3

Physical and Life Science

Physics/Biology/Meteorology/Chemistry, etc.		6

Mathematics

STAT 211	Statistics with Aviation Applications	3
or STAT 222	Business Statistics	
Any College Algebra or Higher Math or any Statistics (Credit cannot be awarded for STAT 211 or STAT 222)		3

Computer Science

Any computer Science		3
Total Credits		**36**

Core/Major

Common Business Core

MGMT 201	Principles of Management	3
MMIS 221	Introduction to Management Information Systems	3
MKTG 311	Marketing	3
ACCT 210	Financial Accounting	3
ACCT 312	Managerial Accounting	3
OBLD 317	Organizational Behavior	3
MGMT 325	Social Responsibility and Ethics in Management	3
FINE 332	Corporate Finance I	3
BUSW 335	International Business	3
BUSW 390	Business Law	3
LGMT 420	Management of Production and Operations	3
MGMT 436	Strategic Management	3
Total Credits		**36**

Choose Major:	**21**
Technical Management Major	
Aviation Management Major	
Business Cybersecurity Major	

Leadership Major	
Human Resources Management Major	

Electives

Transfer Credit -or- Minor -or- MGMT Electives	**12**
If technical transfer credit is not applicable, the 12 hours can ONLY be used toward Minors. If no Minor is chosen, then MGMT electives 200-300-400 level courses.	
Open Electives (Lower or Upper Level) may be used for Minors in other departments.	**15**

Available Minors

Students have the option to structure electives such that a Minor may be earned.

Total Degree Requirements	**120**

Technical Management Major

Technical Management Major		
MMIS 320	Business Information Systems	3
MMIS 321	Aviation/Aerospace Systems Analysis Methods	3
PMGT 325	Concepts and Practices of Project Management	3
MISA 394	Information Security Operations Management	3
LGMT 411	Logistics Management for Aviation/Aerospace	3
LGMT 444	Principles of Supply Chain Management	3
MKTG 449	Strategic Marketing Management	3
Total Credits		**21**

Aviation Management Major

Aviation Management Major

The Aviation Management Major is designed to provide students interested in pursuing an aviation-focused management discipline in the aviation, defense, and aerospace fields with a detailed and relevant flow of courses. Students taking courses in this Major will receive a depth of knowledge in a wide array of aviation, airport, and airline management areas. In addition, this major features a course that will concentrate on today's trends, opportunities and problems in air transportation. The aviation-related management courses should be both rewarding and challenging to the students participating in this Major and also help prepare students for the MS in Airline Management or MS in Airport Management programs.

MGMT 408	Airport Management	3
MGMT 412	Airport Planning and Design	3
MGMT 415	Airline Management	3
AMNT 416	Aviation Maintenance Management: A Global Perspective	3
LGMT 410	Management of Air Cargo	3
MGMT 426	International Aviation Management	3
MKTG 450	Aviation/Airport Marketing	3
Total Credits		**21**

Business Cybersecurity Major

Business Cybersecurity Major

Information is the lifeblood of every business and every organization in every industry. Cybersecurity for business involves achieving the right mix of resiliency, safety, privacy, and compliance, while ensuring the organization can afford to stay in business and achieve its goals and objectives. Students completing this major build knowledge they can use to help develop, carry out, and manage cybersecurity strategies, tactics, and operations across a wide range of organizational architectures and contexts. The curriculum prepares students to pursue globally-recognized cybersecurity certifications such as CompTIA's SEC+, Microsoft Certified Security, Compliance, and Identity Fundamentals, (ISC)2's Certified in Cybersecurity, Systems Security Certified Professional (SSCP), and others.

MISA 386	Fundamentals of Information Systems Security	3
MISA 388	System Forensics, Investigation, and Response	3
MMIS 389	Information Assurance and Information Quality	3
MMIS 393	Computer Networks	3
MISA 394	Information Security Operations Management	3
MISA 403	IT Audit and Control	3
MISA 404	Business Continuity & Disaster Recovery Planning	3
Total Credits		**21**

Leadership Major

Leadership Major

The Leadership Major is for high-performing individuals looking to make a difference in their organizations. Organizational leaders and employers often point to the need for employees to develop "soft" skills to advance their careers. Students develop the critical competencies to lead in today's increasingly complex environment. Students learn foundational and contemporary leadership theories. Additionally, students will explore various leadership topics such as critical thinking, emotional intelligence, communication, coaching, mentoring, ethics, diversity, equity, and inclusion. This major ensures that students have the appropriate skills to contribute as a leader in all aspects of society.

OBLD 275	Critical Thinking for Leadership	3
OBLD 285	The Evolution of Leadership	3
OBLD 304	Coaching and Mentoring	3
OBLD 310	Mediation, Negotiation, and Conflict Resolution	3
OBLD 315	Contemporary Leadership Theories	3
OBLD 402	Ethics, Values, and Differences	3
OBLD 407	Driving Change in Organizations	3
Total Credits		**21**

Human Resources Management Major

Human Resources Management Major

The Human Resources Management major was developed for students interested in pursuing careers in Human Resources in public, private and non-profit sectors inside the aviation industry. Students will also be well prepared to obtain leading industry Human Resources certificates and credentials. Graduates in this major can seek employment as compensation and benefits specialists, recruitment and retention specialists, human resources generalists, and other, related occupations. Human Resources Management is an ever growing field and spans all industry and geographic boundaries.

HRMD 314	Human Resource Management	3
HRMD 324	Aviation Labor Relations	3
OBLD 371	Leadership	3
OBLD 427	Management of the Multicultural Workforce	3
HRMD 482	Human Resources Training and Development	3
HRMD 483	Compensation and Benefits	3
HRMD 495	Staffing and Workforce Planning	3
Total Credits		**21**

See BSTM Program Notes.