



EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

**Bachelor of Science in Aviation Maintenance Management
and
Bachelor of Science in Professional Aeronautics**

Orange Coast College

2701 Fairview Road
Costa Mesa, CA 92628-5005

**Associate in Science in Aviation Maintenance Technology
and
Associate in Science in Aviation Pilot Training**

2007-08

Articulation Agreement



2007-08

ARTICULATION AGREEMENT

PURPOSE: This Articulation Agreement between Embry-Riddle Aeronautical University - Worldwide and Orange Coast College is a cooperative agreement that facilitates the transfer of students from Orange Coast College to Embry-Riddle Aeronautical University - Worldwide. Courses are carefully reviewed and evaluated to insure that their content and course objectives are equivalent and will transfer to ERAU.

Academic Provisions: Articulation degree templates are degree/catalog year specific and will be updated on an annual basis. Both institutions agree to share information on program updates, changes and all processes relative to this agreement.

Contact Information: If you require additional assistance, please contact your local Embry-Riddle representative, Leo 'Mike' Terrill, Director of Academic Support; Embry-Riddle Aeronautical University; Los Angeles Metro Center; 5001 Airport Plaza Dr., Suite 150; Long Beach, CA 90815; (562) 627-5870; la.center@erau.edu; or the Worldwide Enrollment Management Articulations Manager, Dr. Doug Mikutel, at 1-800-522-6787 or douglas.mikutel@erau.edu.

Other Provisions: This agreement becomes effective upon the signing of both parties and shall continue in effect until both parties agree in writing to modify or terminate the agreement. Termination of the agreement shall become effective ninety (90) days after written notice is given. Should either party decide to terminate the agreement, ERAU will honor the Articulation Enrollment Forms for students and applicants who signed the form prior to the cancellation date.

Embry-Riddle Aeronautical University

Orange Coast College

James M. Cunningham, Ed.D.
Assistant Provost
Embry-Riddle Aeronautical University

Manoj Wickremesinghe
Articulation Officer
Orange Coast College

INTRODUCTION

Embry-Riddle Aeronautical University is an independent, non-sectarian, non-profit, coeducational university with a history dating back to the early days of aviation. The University serves culturally diverse students motivated towards careers in aviation and aerospace. Residential campuses in Daytona Beach, Florida, and Prescott, Arizona, provide education in a traditional setting, while an extensive network of Worldwide centers throughout the United States and abroad serves civilian and military working adults.

Embry-Riddle is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone: 404-679-4501) to award degrees at the associate, bachelor's, and master's levels.

Worldwide seeks to be the provider of choice of peerless academic degree and certificate programs, corporate training, and professional development services to working professionals and their employers in the aerospace and aviation industries. As a student-centered campus, we accomplish our mission by effectively developing, delivering, and continually assessing high-quality, high-demand, and highly relevant degree and non-degree professional programs through both face-to-face traditional classroom instruction and through asynchronous, interactive online delivery. In so doing, we enable professional working adult learners to advance their personal and career goals in ways that meet their needs regardless of geographic location or the constraints of time. Worldwide is organized under the direction of the Chancellor.

The size and geographic dispersion of the University coupled with a faculty that places teaching as their foremost activity, insures small class sizes and the opportunity for ample interaction between faculty and students.

It is the purpose of Embry-Riddle Aeronautical University to provide a comprehensive education to prepare graduates for productive careers and responsible citizenship with special emphasis on the needs of aviation, aerospace, engineering and related fields.

This Articulation Agreement in Bachelor of Science in Aviation Maintenance Management and Bachelor of Science in Professional Aeronautics between Embry-Riddle Aeronautical University - Worldwide and Orange Coast College is designed to facilitate the transfer of students. Students who are intending to make the transfer under these programs, and others who might be advising those students should use this Articulation Agreement.

To be considered for admission, students transferring to Embry-Riddle Aeronautical University - Worldwide must have earned at least a minimum cumulative grade point average (CGPA) of 2.0 for all institutions attended to be considered for admission.

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 it is (they are) specifically part of this Agreement. A grade of "C" or better is required to be accepted as transfer credit.

It is important that the transfer student provide official transcripts as soon as possible for the timely evaluation and transfer of credits before actual enrollment in the University degree program.

All programs and courses listed in the ERAU catalog are not available at every Worldwide Campus or distance learning.

Transfer Table Articulation Agreement

The successful completion of the following Orange Coast College, Associate in Science in Aviation Maintenance Technology courses will transfer to the ERAU Aviation Maintenance Management program if in accordance with the 2007-08 articulation agreement.

Orange Coast College, Associate in Science in Aviation Maintenance Technology, Course of Study	Sem. Hrs.	Embry-Riddle Aeronautical University Bachelor of Science in Aviation Maintenance Management degree program requirements.	Sem. Hrs.
COURSE NUMBER/TITLE		COURSE NUMBER/TITLE	BS
AIRFRAME & POWER PLANT MAINTENANCE CERTIFICATE - AND/OR- TYPE 65 AMNT COURSES (REQUIREMENTS SATISFIED BY ONE OF THE 5 OPTIONS LISTED ON PAGE 2)	36	AIRFRAME & POWER PLANT MAINTENANCE CERTIFICATE -AND/OR- TYPE 65 AMNT COURSES (REQUIREMENTS MAY BE SATISFIED BY ONE OF THE 5 OPTIONS LISTED ON PAGE 2)	
CERTIFICATES/ LICENSES (See Options on Page2)		CERTIFICATES/ LICENSES (See Options on Page 2)	
FAA A & P Certificate OR Completion of AMT Part 147 Program	36	AMNT 240 GENERAL AERONAUTICS AND APPLICATIONS	3
		AMNT 260 AIRCRAFT ELECTRICAL SYSTEMS THEORY	3
		AMNT 270 AIRFRAME STRUCTURES AND APPLICATIONS	4
		AMNT 271 AIRFRAME SYSTEMS AND APPLICATIONS	3
(Copies of all licenses must accompany ERAU application for admission)		AMNT 280 POWERPLANT THEORY AND APPLICATIONS	4
		AMNT 281 AIRCRAFT PROPULSION SYSTEMS AND APPLICATIONS	4
ELECTIVES: Aviation Maintenance, Aeronautical Science, Avionics Technology, Management, Computer Science, Electrical Engineering Technology -or- AMNT 275 and AMNT 285. (15)		ELECTIVES: Aviation Maintenance, Aeronautical Science, Avionics Technology, Management, Computer Science, Electrical Engineering Technology -or- AMNT 275 and AMNT 285	15
GENERAL EDUCATION	36	GENERAL EDUCATION	18
<i>Embry-Riddle courses in the general education categories Communication Theory and Skills, Humanities and Social Sciences may be chosen from those listed below, assuming prerequisites are met. Courses from other institutions are acceptable if they fall into these broad categories and are at the level specified.</i>			
COMMUNICATION THEORY & SKILLS (9)		COMMUNICATION THEORY & SKILLS (9)	
English 100 Freshman Composition	3	ENGL 123 English Composition	3
Humanities: Choose Speech Communication 110 or 120	3	SPCH 219 or Speech Elective	3
		<i>Communication Theory & Skills Elective</i>	
MATHEMATICS (College Algebra or Higher) (6)		MATHEMATICS (College Algebra or Higher) (6)	
Communication & Analytical Thinking: Choose Math 130	3	MATH 140 College Algebra	3
		MATH 142/320	
COMPUTER SCIENCE (3)		COMPUTER SCIENCE (3)	
		<i>Computer Science Elective</i>	
PHYSICAL AND LIFE SCIENCES (6)		PHYSICAL AND LIFE SCIENCES (6)	
		<i>Physical and Life Sciences Elective</i>	
Physical & Biological Sciences: (Choose from list)	3	Physical and Life Sciences Elective	3
HUMANITIES - LOWER LEVEL ELECTIVE (3)		HUMANITIES - LOWER LEVEL ELECTIVE (3)	
Arts: (Choose from list)	3	Humanities Elective	3
SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (6) (One must be economics)		SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (6) (One must be economics)	
		<i>Social Science Elective</i>	
Social & Behavioral Sciences: Choose Economics 180 or 185	3	Economics	3
HUMANITIES/SOCIAL SCIENCES - UPPER LEVEL ELECTIVE (3)		HUMANITIES/SOCIAL SCIENCES - UPPER LEVEL ELECTIVE (3)	
PROGRAM SUPPORT	6	PROGRAM SUPPORT	6
		MATH 320 DECISION MATH	3
		MATH 211 STATISTICS W/ AVIATION APPLICATIONS -OR- MATH 222 BUSINESS STATISTICS	3
BUSINESS CORE:	48	BUSINESS CORE:	48
		MGMT 201 PRINCIPLES OF MANAGEMENT	3
		MGMT 210 FINANCIAL ACCOUNTING	3
		MGMT 212 ADVANCED FINANCIAL ACCOUNTING	3
		MGMT 221 ADVANCED COMPUTER BASED SYSTEMS	3
		MGMT 311 MARKETING	3
		MGMT 312 MANAGERIAL ACCOUNTING	3
		MGMT 314 HUMAN RESOURCE MANAGEMENT OR MGMT 317 ORGANIZATIONAL BEHAVIOR	3
		MGMT 320 BUSINESS INFORMATION SYSTEMS	3
		MGMT 324 AVIATION LABOR RELATIONS	3
		MGMT 325 SOCIAL RESPONSIBILITY & ETHICS IN MGMT.	3
		MGMT 332 CORPORATE FINANCE I	3
		MGMT 390 BUSINESS LAW	3
		ASCI/MGMT 419 AVIATION MAINTENANCE MANAGEMENT	3
		MGMT 420 MANAGEMENT OF PRODUCTION AND OPS.	3
		MGMT 422 LIFE CYCLE ANALYSIS FOR SYSTEMS & PROGRAMS IN AVIATION/AEROSPACE	3
		ECON 315 MANAGERIAL ECONOMICS	3
TOTAL CREDITS TRANSFERRED	54	TOTAL CREDITS NEEDED	72
		TOTAL CREDITS TRANSFERRED	54
*Maximum of 90 hours transferable with this Articulation NOTE: Mathematics 120 Trigonometry equates to ERAU's MATH 142 Trigonometry.		TOTAL ERAU DEGREE REQUIREMENTS	126

STUDENT NAME:

STUDENT ID#:

MAINTENANCE MANAGEMENT REQUIREMENTS MAY BE SATISFIED BY ONE OF THE FOLLOWING 5 OPTIONS LISTED BELOW:

1. Airframe Certificate Plus the following Type 65 AMNT Courses: AMNT 280 and 281 *(or equivalent)*
2. Power Plant Certificate Plus the following Type 65 AMNT Courses: AMNT 260, 270, and 271 *(or equivalent)*
3. Airframe and Power Plant Maintenance Certificate
4. Successful completion of an FAA approved Type 147 Program
5. Type 65 AMNT Courses: AMNT 240, AMNT 260, AMNT 270, AMNT 271, AMNT 280, AMNT 281 *(or equivalent)*

Embry-Riddle Aeronautical University - Worldwide

Articulation Agreement Transfer Table

The successful completion of the following Orange Coast College, Associate in Science in Aviation Pilot Training courses will transfer to the ERAU Professional Aeronautics degree program if in accordance with the 2007-08 articulation agreement.

Orange Coast College, Associate in Science in Aviation Pilot Training, Course of Study	Sem. Hrs.	Embry-Riddle Aeronautical University - Worldwide, Bachelor of Science in Professional Aeronautics degree program requirements.	Sem. Hrs.
COURSE NUMBER/TITLE		COURSE NUMBER/TITLE	BS
AVIATION AREA OF CONCENTRATION: <i>**</i>(18 - 36)	36	AVIATION AREA OF CONCENTRATION:	
APT 130 (5) APT 132 (3) APT 134 (3) APT 139 (3)	14	AVIATION AREA OF CONCENTRATION: Courses include but are not limited to the following: Aviation Maintenance, Aeronautical Science, Air Traffic Control, Safety, and MGMT 340,413,423,433 and 443	
APT 145 (3) APT 180 (3)	6		
Suggested Electives-Choose 16 hrs. from the following: APT 125 (1.5)	16		
APT 135 (3) APT 136 (3) APT 137 (1.5) APT 138 (3) APT 140 (3)			
APT 141AD (3) APT 192 (1.5) APT 195 (3) APT 196 (1.5) APT 197 (1.5)			
GENERAL EDUCATION	36	GENERAL EDUCATION	15
Embry-Riddle courses in the general education categories Communication Theory and Skills, Humanities and Social Sciences may be chosen from those listed below, assuming prerequisites are met. Courses from other institutions are acceptable if they fall into these broad categories and are at the level specified.			
COMMUNICATION THEORY & SKILLS	(9)	COMMUNICATION THEORY & SKILLS	(9)
English Communication: English 100 Freshman Composition	3	ENGL 123 English Composition	3
Humanities: Choose Speech Communication 110 or 120	3	SPCH 219 or Speech Elective	3
		<i>Communication Theory & Skills Elective</i>	
MATHEMATICS (Courses from approved sequences or equivalent)	(6)	MATHEMATICS	(6)
Communication & Analytical Thinking: Choose Math 130	3	MATH 140 College Algebra	3
		<i>MATH 142/320</i>	
COMPUTER SCIENCE	(3)	COMPUTER SCIENCE	(3)
		<i>Computer Science Elective</i>	
PHYSICAL AND LIFE SCIENCES	(6)	PHYSICAL AND LIFE SCIENCES ELECTIVES	(6)
APT 133 Aviation - Meteorology	3	WEAX 201 Meteorology I	3
Physical & Biological Sciences: Choose from list	3	Physical and Life Sciences Elective	3
HUMANITIES/SOCIAL SCIENCES (for BS one must be U/L)	(6)	HUMANITIES/SOCIAL SCIENCES (for BS one must be U/L)	(6)
Arts: (Choose from list)	3	Humanities Elective	3
		<i>Social Science Elective (Upper Level)</i>	
ECONOMICS	(6)	ECONOMICS	(6)
		<i>ECON 210 Microeconomics</i>	
Social & Behavioral Sciences: Choose Economics 180 Macroeconomics	3	ECON 211 Macroeconomics	3
PROGRAM SUPPORT	18	PROGRAM SUPPORT	18
		MATH 211 STATISTICS W/ AVIATION APPS -OR- MATH 222 BUSINESS STATISTICS	3
		MGMT 201 PRINCIPLES OF MANAGEMENT	3
		MGMT 210 FINANCIAL ACCOUNTING	3
		MGMT 221 ADVANCED COMPUTER BASED SYSTEMS	3
		ASCI 254 AVIATION LEGISLATION	3
		ASCI 405 AVIATION LAW	3
PROFESSIONAL DEVELOPMENT ELECTIVES	18	PROFESSIONAL DEVELOPMENT ELECTIVES	18
		Select from the list of upper-level courses in Aeronautical Science, Air Traffic Control, Management, Economics and Safety	
OPEN ELECTIVES (Upper Level) (300-400): <i>**</i>(0 - 12)	12	OPEN ELECTIVES (Upper Level) (300-400):	12
OPEN ELECTIVES (Lower Level): <i>**</i>(0 - 18)	0	OPEN ELECTIVES (Lower Level): (0 - 18)	
*TOTAL CREDITS TRANSFERRED	57	TOTAL CREDITS NEEDED	63
		TOTAL CREDITS TRANSFERRED	57
TOTAL ERAU DEGREE REQUIREMENTS			120

******If less than 36 AAOC hours awarded, adjust hours to equal 48 total for AAOC and Open Electives (Upper and/or Lower). If less than 12 Upper Level AAOC hours awarded, adjust hours to equal a minimum of 39 Upper Level hours for the degree. Enter appropriate hours in Sem.Hr. Column (next to heading), then list individual courses and credit hours in designated area below for calculation to occur.

NOTE: Mathematics 120 Trigonometry equates to ERAU's MATH 142 Trigonometry.

Physical & Biological Sciences

Choose one course from the list below

ANTHROPOLOGY 185	Physical	3	ASTRONOMY 100	Elementary Astronomy	3
ASTRONOMY 100H	Honors Elementary Astronomy	3	ASTRONOMY 101	Planetary Astronomy	3
ASTRONOMY 102	Stellar Astronomy	3	ASTRONOMY 103	Cosmology	3
BIOLOGY 100	Principles of Biology	4	BIOLOGY 125	Human Biology	3
BIOLOGY 181	Cell and Molecular Biology	4	BIOLOGY 181H	Honors Cell and Molecular Biology	4
BIOLOGY 182	Zoology	3	BIOLOGY 183	Diversity of Organisms	5
BIOLOGY 210	General Microbiology	5	BIOLOGY 220	General Human Anatomy	5
BIOLOGY 220H	Honors General Human Anatomy	5	BIOLOGY 221	Anatomy-Physiology	4
CHEMISTRY 100	Principles of Chemistry	3	CHEMISTRY 110	Introductory Chemistry	5
CHEMISTRY 130	Preparatory General Chemistry	4	CHEMISTRY 180	General Chemistry	5
ECOLOGY 100	Environment and Man	3	GEOGRAPHY 180	Physical Geography	3
GEOGRAPHY 180H	Honors Physical Geography	3	GEOLOGY 100	General Geology	3
GEOLOGY 100H	Honors General Geology	3	GEOLOGY 106	Earth Science for Teachers	4
GEOLOGY 160	Environmental Geology	4	GEOLOGY 180	Physical Geology	4
GEOLOGY 185	Evolution of the Earth	3	MARINE SCI 100	Oceanography	3
MARINE SCI 100H	Honors Oceanography	3	MARINE SCI 180	Marine Biology	3
MARINE SCI 185	Coastal Oceanography	3	NATURAL SCI 100	Evolution of the Cosmos	6
NATURAL SCI 110	Cosmos - A Personal Voyage	3	NATURAL SCI 112	Introduction to Physical Science	4
PHYSICS 110	Descriptive Introduction to Physics	3	PHYSICS 120	General Physics: Mechanics, Waves, Thermodynamics	4
PHYSICS 130	General Mechanics/Waves/Thermodynamics	4	PHYSICS 185	General Physics: Mechanics, Waves	

Arts

Choose one course from the list below

ART 100	History and Appreciation of Western Art	3	ART 100 H	Honors History and Appreciation of Western Art	3
ART 101	History and Appreciation of Western Art	3	ART 101 H	Honors History and Appreciation of Western Art	3
ART 102	Contemporary Art History	3	ART 103	History of Asian Art: China, Korea, Japan	3
ART 104	Art of India and Southeast Asia	3	ART 107	Introduction to Art	3
ART 108	Women in Art	3	DANCE 200	Appreciation of Dance	3
FILM/VIDEO 100	History and Appreciation of the Cinema	3	FILM/VIDEO 150	Introduction to Radio, TV and Film	3
HUMANITIES 100	Introduction to the Humanities	3	INTERIOR DES 180	History of Interior Architecture and Furnishings 1	3
INTERIOR DES 190	History of Interior Architecture and Furnishings 2	3	MUSIC 100	History and Appreciation of Music	3
MUSIC 105	Music from Bach Up to Rock	3	MUSIC 109	History of Rock Music	3
MUSIC 170	Music in America	3	MUSIC 173	History of Jazz	3
PHOTOGRAPHY 101	Photography and Society	3	PHOTOGRAPHY 130	History and Aesthetics of Still Photography	3
THEATRE ARTS 100	Introduction to Theatre	3	THEATRE ARTS 101	Introduction to History and Literature of the Theatre	3



Articulation 2+2 Admission Form

The primary purpose of an articulation agreement is to assure that coursework taken at another institution will transfer to ERAU and satisfy specified degree requirements. The student becomes subject to the requirements of the curriculum in the specified catalog at the time of enrollment and is assured that courses taken will apply even though the curriculum may have undergone significant change prior to the student's actual enrollment at the University. Please review the articulation agreement prior to completing the enrollment form.

Student Information

Student Name: _____
Last First Middle Social Security Number (reqd. for Govt. Benefits)

Address: _____
Number Street City State Zip Code

Telephone Number: _____
(Area Code) Home Number (Area Code) Work Number E-mail address

Associate Degree Program _____ Catalog Year _____

Articulation Institution
Attending: _____
Name City State

Enrolled From: _____ To: _____
Month/Day/Year Month/Day/Year

Transfer Information

ERAU Degree Program: _____ Desired Start Date: _____
Semester/Term/Year

Student Signature: _____ Date: _____
Month/Day/Year

Upon signing this agreement, the student will be considered dually admitted to Orange Coast College and Embry-Riddle Aeronautical University - Worldwide (ERAU). A copy of the completed Articulation Dual Admission Form **MUST** accompany your Application for Admission to ERAU. After graduation from Orange Coast College, the following will complete the application process and allow the student to continue in the ERAU four year program:

1. ERAU will waive any application fees.
2. Only those classes with a grade of "C" or better that are applicable to Embry-Riddle's program will be accepted.
3. Submission of all original transcripts from all colleges attended.
4. ERAU will become the official school for financial aid and/or veteran's benefits upon official transfer to ERAU.
5. Once accepted into an ERAU degree program, the student will be subject to the rules and regulations of ERAU.

Institution Representative _____ Date _____

ERAU Representative _____ Date _____

International Students

International Students at the Ft. Lauderdale Center, Miami Center, Oakland Center, or Orlando Center

All International students holding F1 visas may participate in 2+2 articulation agreements.

All International students holding F1 visas may participate in dual enrollment articulation agreements only under the following circumstances.

- to complete flight hours
- to take a class needed for graduation that is not offered by their Resident Center

International Students at all other centers

Students holding a J1 visa can take courses at ERAU "non-authorized" centers until 60 days prior to the expiration of their J1 visa and then transfer to one of ERAU's authorized International Student centers (Ft. Lauderdale, Miami, Oakland, Orlando)

OR

Students can enroll in up to 24 credit hours prior to transferring to one of ERAU's "authorized" International Student centers to become an F1 student with ERAU.

International Students with all other types of visas

Students with all other types of visas interested in participating in an articulation agreement and in attending ERAU should contact ERAU's International Student Compliance Manager for information on admissions and enrollment.