

**2002-04 EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
BREVARD COMMUNITY COLLEGE ARTICULATION AGREEMENT**

**Associate in Science in Aerospace Technology
MAJOR: Bachelor of Science in Management of Technical Operations**

**70 Semester Hours
120 Semester Hours**

**BREVARD COMMUNITY
COLLEGE**

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AERONAUTICAL UNIVERSITY**

COURSE NUMBER	COURSE TITLE	SEMESTER CREDIT	COURSE NUMBER	COURSE TITLE	SEMESTER CREDIT
TECHNICAL OPERATIONS SPECIALTY					
					15
ESTC 1934	Aerospace Structural Fabrication I	3			
ESTC 2XXX	Aerospace Structural Fabrication II	3			
ESTC 1521	Aerospace Systems I	4			
ETI 1830	Materials & Processes I	3			
ETIC 1121	Aerospace Test & Measurements	2			
COMMUNICATION THEORY & SKILLS					
ENC 1101	Communications I	3	ENGL 122	English Composition and Literature I	3
SPC 2600	Fundamentals of Speech Communication	3	SPCH 219	Speech	3
MATHEMATICS (College Algebra or Higher)					
MAC 1105	College Algebra	3	MATH 140	College Algebra	3
COMPUTER SCIENCE					
CGS 2100	Microcomputer Applications	3	CSCI 109	Introduction to Computers and Applications	3
PHYSICAL AND LIFE SCIENCES					
PSC 1341	Physical Science for Today's World	3	PHYS	Elective	3
HUMANITIES					
HUM 2210	Humanities Survey: Ancient and Medieval Cultures	3	HUMN	Elective	3
See Humanities course listing in AA degree plan on page 53 of Brevard's Community College 2002-2004 catalog. Completing a 3 semester hour course listed under Humanities Plan A, B, or C, will satisfy ERAU's Humanities requirement.					
SOCIAL SCIENCES (One course must be economics)					
AMH 2010	United States History I – U.S. History to 1877	3	HIST	Elective	3
Any Social/Behavioral Science course (History, Political Science) listed in Brevard's Community College 2002-2004 catalog will satisfy 3 semester hours toward ERAU's Social Sciences requirement. One course must be economics.					
HUMANITIES/SOCIAL SCIENCES(300-400)					3
PROGRAM SUPPORT					
			ECON 210	Microeconomics	3
			MATH 211	Statistics w/Aviation Applications OR	3
			MATH 222	Business Statistics	

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COURSE NUMBER	COURSE TITLE	SEMESTER CREDIT	COURSE NUMBER	COURSE TITLE	SEMESTER CREDIT
				BUSINESS CORE	33
			MGMT 201	Principles of Management	3
			MGMT 210	Financial Accounting	3
			MGMT 221	Advanced Computer Based Systems	3
			MGMT 311	Marketing	3
			MGMT 312	Managerial Accounting	3
			MGMT 314	Human Resource Management	3
			MGMT 317	Organizational Behavior	3
			MGMT 320	Business Information Systems	3
			MGMT 325	Social Responsibility & Ethics in Management	3
			MGMT 335	International Business	3
			MGMT 390	Business Law	3
				+TECHNICAL MANAGEMENT CORE (MGMT 406, 419, 420, 424)	12

+ Students at Extended Campus may substitute additional 300-400 level specified elective courses in Management. Refer to ERAU's 2002-03 catalog.

SPECIFIED ELECTIVES (300-400) 9

Specified Electives: (300-400) level courses may be chosen from the following disciplines: Aeronautical Science, Business Administration, Economics, Engineering, Engineering Technology, Safety, Flight.

			OPEN ELECTIVES	9
ETIC 1710	Aerospace Safety & Quality	3		
ETIC 1832	Materials & Processes II	3		
ETIC 2411	Technical Task Analysis	3		