

**The following is an overview of requirements for the  
Bachelor of Science in Professional Aeronautics at ERAU:**

<b>AVIATION CONCENTRATION</b> (minimum 18, maximum 36)		<b>*18</b>	Credit from Aeronautical Science, Aviation Maintenance, Air Traffic Control, and/or Safety of Flight
<b>GENERAL EDUCATION</b>		<b>36</b>	<b><i>Courses may include but are not limited to the following:</i></b>
9	Communication Theory and Skills		Composition, Speech, Professional/Technical Writing Oral Communications, Interpersonal Communications
3	Humanities		Appreciation-History of Art/Music/Film, Philosophy, Ethics
3	Social Sciences		Psychology, Sociology, History, Geography, Political Science
3	Upper Level Hum or SS		Literature, Logic, Religion, Anthropology, Government
3	Macro Economics		
3	Computer Literacy		Hands-on software application, Programming
3	Mathematics		College algebra or higher
3	Statistics		
3	Physical Science		Astronomy, Chemistry, Zoology, Geology, Oceanography
3	Physics		Quantum, Acoustic, Particle, Thermodynamic
<b>PROGRAM SUPPORT</b>		<b>15</b>	<b><i>Courses available at ERAU:</i></b>
3	Aviation Legislation		ASCI 254
3	Aviation Law		ASCI 405
3	Principles of Mgmt		MGMT 201
3	Micro Economics		ECON 210
3	Financial Accounting		MGMT 210
<b>PROFESSIONAL DEVELOPMENT</b>		<b>21</b>	Upper division courses from Aeronautical Science, Air Traffic Control, Business ( Management, Marketing, Finance, etc) Safety of Flight
<b>UPPER DIVISION OPEN ELECTIVES</b>		<b>12</b>	Upper division courses except those that would duplicate the discipline used as the Aviation Area of Concentration
<b>LOWER LEVEL OPEN LECTIVES</b> (minimum 0, maximum 18)		<b>*18</b>	Any courses except those that would duplicate the discipline used as the Aviation Area of Concentration
<b>TOTAL</b>		<b>120</b>	

***\* The maximum number of credits awarded in the Aviation Area of Concentration is 36. The minimum is 18. Upon entry into the program, if awardable aviation credit hours are less than 36, the remainder may be moved to lower level Open Electives and fulfilled there. It is a sliding scale.***

***At least twenty-five percent of the semester credit hours needed for degree completion must be earned through Embry-Riddle instruction. Other credits may be awarded from DAU, regionally accredited institutions, or courses/tests evaluated by The American Council on Education (ACE).***

**EMBRY – RIDDLE AERONAUTICAL UNIVERSITY  
AND  
DEFENSE ACQUISITION UNIVERSITY**

**Transfer Table  
Bachelor of Science in Professional Aeronautics**

*The following DAU courses can be used in the ERAU Professional Aeronautics program as designated.  
If the DAU credit is less than a required Embry-Riddle course, the credit deficiency will be added to the upper or lower division Open Elective area.*

DAU COURSE		SEM HRS	ERAU APPLICATION		SEM HRS
<b>BCF 102</b> Fundamentals Earned Value Mgmt+		0	<b>MGMT 201</b>	Principles of Management	3
<b>BCF 203</b> Intermediate Earned Value Mgmt		3			
<b>BCF 101</b>	Fundamentals of Cost Analysis	3	<b>MATH 222</b>	Business Statistics	3
<b>BCF 301</b>	Business, Cost Estimating & Financial Mgmt Workshop	2	<b>MGMT 312</b>	Managerial Accounting	3
<b>CON 104</b>	Principles of Contract Pricing	3	<b>ECON 315</b>	Managerial Economics	3
<b>IRM 201</b>	Intermediate Info Systems Acquisition	3	<b>MGMT 320</b>	Business Information Systems	3
ACG 101	Fundamentals of Systems Management	3	MGMT	Lower Division Elective	3
BCF 208	Software Cost Estimating	3	MGMT	Lower Division Elective	3
BCF 211	Acquisition Business Management	2	MGMT	Lower Division Elective	2
IRM 101	Basic Information Systems Acquisition	2	CSCI	Lower Division Elective	2
LOG 205	Provisioning	3	MGMT	Lower Division Elective	3
PQM 103	Defense Specification Management	2	MGMT	Lower Division Elective	2
SAM 101	Basic Software Acquisition Mgt	2	MGMT	Lower Division Elective	2
CON 202	Intermediate Contracting	4	MGMT	Upper Division Elective	4
CON 204	Intermediate Contract Pricing	3	MGMT	Upper Division Elective	3
CON 210	Government Contract Law	2	MGMT	Upper Division Elective	2
CON 233	Cost Accounting Standards Workshop	2	MGMT	Upper Division Elective	2
ACQ 201	Intermediate Systems Acquisition	4	MGMT	Upper Division Elective	4
LOG 304	Executive Acquisition Logistic Management	3	MGMT	Upper Division Elective	3
SAM 201	Intermediate Software Acquisition Mgt	3	MGMT	Upper Division Elective	3
SAM 301	Advanced Software Acquisition Mgt	3	MGMT	Upper Division Elective	3
TST 202	Intermediate Test and Evaluation	3	CSCI	Upper Division Elective	3

