

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY & PALOMAR COLLEGE**B.S. IN AERONAUTICAL SCIENCE**

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY			PALOMAR COLLEGE	
General Education (39 Credits)				
Communication Theory and Skills		CR		
COM 122	English Comp & Literature	3	ENG 100 English Composition	
COM 219	Speech	3	SPCH 100 Oral Communication	
COM 221	Technical Report Writing –or	3	**	
COM 222	Business Communications –or		BUS 205 Business Writing	
COM 410	Advanced Professional Writing		**	
Management Elective				
BA 201	Principles of Management	3	BMGT 101 Introduction to Management	
Computer Science Elective				
CS 117	Computer Configurations –or	3	**	
CS 118	Fundamentals of Computer Programming –or		CSCI 110 Programming for Computer Science	
IT 109	Intro to Computers & Applications		CSIT 105 Computer Concepts & Microcomputer Applications	
Social Science & Humanities				
Lower-Level:	HU 140 - 146	3	ENG 202, 203, 205, 255; HUM 100, 101	
Lower-Level:	EC/RS/SS/STG 100-200 level	3+3	CHIN 130; ECON 100, 101, 102; GEOG 103, 105; HIST 102, 106, 108, 110; PSYC 100; SOC 100	
Upper-Level:	EC/HU/PSY/RS/SS/STG 300-400 level	3	ENG 220, 221, 225, 226, 230, 240, 260; POSC 101, 102	
Mathematics & Physical Science				
MA 111	College Math for Aviation I (Pre-Calc)	3	MATH 135 Pre-calculus Mathematics	
MA 112	College Math for Aviation II (Calculus)	3	MATH 130 Calculus for the Social Sciences	
PS 103	Technical Physics I w/ Lab	3	PHYS 120 General Physics I –and	
PS 104	Technical Physics II w/ Lab	3	PHYS 121 General Physics II	
Aeronautical Science Core (55 units)				
AS 121/ FA 121	Private Pilot Operations/Private Single Flight	4+1	FAA Private Pilot Certificate (SEL)	
AS 221/ FA 221	Instrument Pilot Ops/Inst Single Flight	3+1	FAA Single-Engine Instrument Rating (IFR)	
AS 321/ FA 321	Commercial Pilot Ops/Comm Single Flight	3+1	FAA Commercial Pilot License (CSEL)	
FA 323	Commercial Multi Add On	1	**	
AS 246	Basic Navigation	3	**	
AS 309	Aerodynamics	3	**	
AS 310	Aircraft Performance	3	**	
AS 311	Aircraft Engines – Turbine	3	**	
AS 350	Domestic & International Navigation	3	**	
AS 356	Systems & Components	3	AVIA 215 Complex Aircraft Systems and Propulsion	
AS 357	Flight Physiology	3	**	
AS 358	Advanced Avionics	3	**	
AS 387	Crew Resource Management	3	**	
AS 408	Flight Safety	3	**	
AS 420	Flight Technique Analysis	3	**	
WX 201	Survey of Meteorology	3	AVIA 120 Aviation Weather	
WX 301	Aviation Weather	3	**	

Total Transferable: 52