

**Transfer Table
Articulation Agreement**

The successful completion of the following Maricopa Community College District Associate in Applied Science in Automated Manufacturing Systems courses will transfer to the ERAU Technical Management program if in accordance with the 2005-06 articulation agreement.

Chandler Gilbert Community College Associate in Applied Science in Automated Manufacturing Systems	Sem. Hrs.	Embry-Riddle Aeronautical University Bachelor of Science in Technical Management degree program requirements.	Sem. Hrs.
COURSE NUMBER/TITLE		COURSE NUMBER/TITLE	BS
TECHNICAL SPECIALTY	15	TECHNICAL SPECIALTY	
AMS 101 Introduction to Automated Manufacturing	2.5	TECHNICAL SPECIALTY: Courses include but are not limited to the following: Aviation Maintenance Technology, Aeronautical Science, Air Traffic Control, Computer Science, Physical Science, Safety, Applied Meteorology, Aviation Business, Logistics, Occupational Safety & Health and Professional Valuation.	
AMS 110 Programming Automated Equipment	3		
AMS 120 Fluid Power & Programmable Logic Controllers (PLC)	3		
AMS 130 Vacuum Technologies	3		
AMS 150 Digital Systems and Microprocessors	3.5		
GENERAL EDUCATION	36	GENERAL EDUCATION	17
COMMUNICATION THEORY & SKILLS (9)		Embry-Riddle courses in the general education categories Communication Theory and Skills, Humanities and Social Sciences may be chosen from those listed 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.	
ENG 101 First-Year Composition	3		
ENG 111 Technical Writing OR ENG 102 First-Year Composition	3		
COM 100 OR COM 110 OR COM 225 (Oral Communication)	3		
MATHEMATICS (College Algebra or Higher) (6)			
COMPUTER SCIENCE (3)			
PHYSICAL AND LIFE SCIENCES (6)			
PHY 101 Introduction to Physics	4		
HUMANITIES - LOWER LEVEL ELECTIVE (3)			
Humanities & Fine Arts (Choose from list)	3		
SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (One must be Microeconomics) (6)			
Social & Behavioral Sciences(Choose ECN 112 Microeconomics Prior)	3		
HUMANITIES/SOCIAL SCIENCES - UPPER LEVEL ELECTIVE (3)			
PROGRAM SUPPORT	6	PROGRAM SUPPORT	6
		ECON 211 MACROECONOMICS	3
		MATH 211 STATISTICS W/ AVIATION APPLICATIONS OR- MATH 222 BUSINESS STATISTICS	3
BUSINESS CORE:	33	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: (300-400 Upper Level Management courses)	12	TECHNICAL MANAGEMENT CORE: (300-400 Upper Level Management courses)	12
OPEN ELECTIVES (Upper Level) (300-400):	9	OPEN ELECTIVES (Upper Level) (300-400):	9
OPEN ELECTIVES (Lower Level):	9	OPEN ELECTIVES (Lower Level):	
AMS 150 (.5) AMS 160 Linear Circuits	4		
AMS 210 Electro-Mechanical Devices	3		
AMS 220 Automated Manufacturing Processes	2		
TOTAL CREDITS TRANSFERRED	43	TOTAL CREDITS NEEDED	77
		TOTAL CREDITS TRANSFERRED	43
		TOTAL ERAU DEGREE REQUIREMENTS	120