

**Transfer Table**  
**Articulation Agreement**

The successful completion of the following Edmonds Community College, Associate in Applied Science - T - Materials Science Technology courses will transfer to the ERAU Technical Management program if in accordance with the 2005-06 articulation

Edmonds Community College, Associate in Applied Science - T - Materials Science Technology, Course of Study	Sem. Hrs.	Embry-Riddle Aeronautical University Bachelor of Science in Technical Management degree program requirements.	Sem. Hrs.
COURSE NUMBER/TITLE		COURSE NUMBER/TITLE	BS
<b>TECHNICAL SPECIALTY</b>	<b>15</b>	<b>TECHNICAL SPECIALTY</b>	
MTECH 175 Introduction to Materials Science	3.3	Courses generally drawn from one of the following areas: [ ] Aviation Maintenance Technology, [ ] Aeronautical Science, [ ] Air Traffic Control, [ ] Computer Science, [ ] Physical Science, [ ] Safety, [ ] Applied Meteorology, [ ] Aviation Business, [ ] Logistics, [ ] Occupational Safety & Health, [ ] Professional Valuation or [XX] Other Credit Explicitly Approved by the Technical Management Chair	
MTECH 180 Polymer Technology	3.3		
MTECH 200 Introduction to Composites	3.3		
MTECH 210 Applied Statics or ENGR 210 Engineering Statics	3.3		
MTECH 220 Applied Strengths Materials or ENGR 220 Mec Materials	1.8		
<b>GENERAL EDUCATION</b>	<b>36</b>	<b>GENERAL EDUCATION</b>	<b>9</b>
<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>			
<b>COMMUNICATION THEORY &amp; SKILLS</b>	<b>(9)</b>	<b>COMMUNICATION THEORY &amp; SKILLS</b>	<b>(9)</b>
ENGL 105 Analytic Writing	3	English Elective	3
ENGR 231 Intro to Tech Writing	3	ENGL 221 Technical Report Writing	3
SPCH 120 Public Speaking	3	SPCH 219 Speech	3
MATHEMATICS (College Algebra or Higher)	(6)	MATHEMATICS (College Algebra or Higher)	(6)
MATH 131 Precalculus I	3	MATH 141 College Algebra	3
MATH 132 Precalculus II	3	MATH 142 Trigonometry	3
COMPUTER SCIENCE	(3)	COMPUTER SCIENCE	(3)
		Computer Science Elective	
PHYSICAL AND LIFE SCIENCES	(6)	PHYSICAL AND LIFE SCIENCES	(6)
CHEM 101 Intro to Chem. or CHEM 110 Prep. For College Chem.	3	Physical and Life Sciences Elective	3
PHYS 101 General Physics	3	PHYS 102 Explorations in Physics	3
HUMANITIES - LOWER LEVEL ELECTIVE	(3)	HUMANITIES - LOWER LEVEL ELECTIVE	(3)
		Humanities Elective	
SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (One must be Microeconomics)	(6)	SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (One must be Microeconomics)	(6)
Choose ECON 201 as Technical Elective	3	ECON 210 Microeconomics	
Choose ENGR 155 Diversity in Globalization	3	Social Science Elective	
HUMANITIES/SOCIAL SCIENCES - UPPER LEVEL ELECTIVE	(3)	HUMANITIES/SOCIAL SCIENCES - UPPER LEVEL ELECTIVE	(3)
<b>PROGRAM SUPPORT</b>	<b>6</b>	<b>PROGRAM SUPPORT</b>	<b>3</b>
Choose ECON 202 as Technical Elective	3	ECON 211 MACROECONOMICS	3
		MATH 211 STATISTICS W/ AVIATION APPLICATIONS -OR- MATH 222 BUSINESS STATISTICS	3
<b>BUSINESS CORE:</b>	<b>33</b>	<b>BUSINESS CORE:</b>	<b>33</b>
		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
<b>TECHNICAL MANAGEMENT CORE: (300-400 Upper Level Management courses)</b>	<b>12</b>	<b>TECHNICAL MANAGEMENT CORE: (300-400 Upper Level Management courses)</b>	<b>12</b>
<b>OPEN ELECTIVES (Upper Level) (300-400):</b>	<b>9</b>	<b>OPEN ELECTIVES (Upper Level) (300-400):</b>	<b>9</b>
<b>OPEN ELECTIVES (Lower Level):</b>	<b>9</b>	<b>OPEN ELECTIVES (Lower Level):</b>	
MTECH Career Planning (1.3) MTECH 220 or ENGR 220 (1.5)	2.8		
MTECH 250 Composite Engineering Design	3.3		
MTECH 260 Composites Manufacturing	2.9		
<b>TOTAL CREDITS TRANSFERRED</b>	<b>54</b>	<b>TOTAL CREDITS TRANSFERRED</b>	<b>54</b>
		<b>TOTAL ERAU DEGREE REQUIREMENTS</b>	<b>120</b>

Note: May also choose Humanities that meets CD requirement to meet Lower Level Humanities requirement in lieu of the Social Science requirement