

**Transfer Table  
Articulation Agreement**

The successful completion of the following Thomas Nelson Community College, Associate of Applied Science in Technical Studies - Specialization in Materials Science courses will transfer to the ERAU Technical Management program if in accordance with the 2006-07 articulation agreement.

Thomas Nelson Community College, Associate of Applied Science in Technical Studies - Specialization in Materials Science, 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>	
ETR 115 DC and AC Circuits	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	
ETR 126 Electronic Troubleshooting	3		
MEC 131 Mechanics I - Statics for Engineering Technology	3		
MEC 132 Mechanics II - Strength of Materials for Eng Tech	3		
MEC 221 Metallurgy and Ceramics	3		
<b>GENERAL EDUCATION</b>	<b>36</b>	<b>GENERAL EDUCATION</b>	<b>12</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>			
COMMUNICATION THEORY & SKILLS (9)		COMMUNICATION THEORY & SKILLS (9)	
ENG 111 College Composition I	3	ENGL 123 English Composition	3
ENG 115 Technical Writing	3	ENGL 221 Technical Report Writing	3
		<i>Communication Theory &amp; Skills Elective</i>	
MATHEMATICS (College Algebra or Higher) (6)		MATHEMATICS (College Algebra or Higher) (6)	
MTH 163 Precalculus I	3	MATH 140 College Algebra	3
MTH 164 Precalculus II	3	MATH 142 Trigonometry	3
COMPUTER SCIENCE (3)		COMPUTER SCIENCE (3)	
		<i>Computer Science Elective</i>	
PHYSICAL AND LIFE SCIENCES (6)		PHYSICAL AND LIFE SCIENCES (6)	
CHM 111 General College Chemistry	3	Physical and Life Sciences Elective	3
		<i>Physical and Life Sciences Elective</i>	
HUMANITIES - LOWER LEVEL ELECTIVE (3)		HUMANITIES - LOWER LEVEL ELECTIVE (3)	
PHI 220 Ethics	3	Humanities Elective	3
SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (One must be Microeconomics) (6)		SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (One must be Microeconomics) (6)	
Social Science (Choose ECO 202 Prin of Economics II - Micro)	3	ECON 210 Microeconomics	3
Social Sciences (See List)	3	Social Science Elective	3
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>6</b>
		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>	
MEC 113 Materials and Processes of Industry	3		
MEC 220 Introduction to Polymeric and Composite Materials	3		
HLT/PED Health or Physical Education (2) SDV 100 (1)	3		
<b>TOTAL CREDITS TRANSFERRED</b>	<b>48</b>	<b>TOTAL CREDITS NEEDED</b>	<b>72</b>
		<b>TOTAL CREDITS TRANSFERRED</b>	<b>48</b>
		<b>TOTAL ERAU DEGREE REQUIREMENTS</b>	<b>120</b>