# *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 <u>Professional Aeronautics degree program</u> 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 Professional Aeronautics degree program requirements. | Sem. Hrs. |
|---|---|---|---|
| COURSE NUMBER/TITLE | | COURSE NUMBER/TITLE | BS |
| ***AVIATION AREA OF CONCENTRATION: **(18 - 36)*** | **18** | ***AVIATION AREA OF CONCENTRATION:*** | **18** |
| | | **<u>AVIATION AREA OF CONCENTRATION</u>**: Courses include but are not limited to the following: Aviation Maintenance, Aeronautical Science, Air Traffic Control, Safety, and MGMT 340,413,423,433 and 443 | |
| ***GENERAL EDUCATION*** | **36** | ***GENERAL EDUCATION*** | **15** |
| ***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.*** | | | |
| **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 |
| | | *Communication Theory & Skills Elective* | |
| **MATHEMATICS (College Algebra or higher & MATH 211 or 222) (6)** | | **MATHEMATICS (College Algebra or Higher & MATH 211 or 222) (6)** | |
| MTH 163 Precalculus I | 3 | MATH 140 College Algebra | 3 |
| | | *Statistics* | |
| **COMPUTER SCIENCE (3)** | | **COMPUTER SCIENCE (3)** | |
| | | *Computer Science Elective* | |
| **PHYSICAL AND LIFE SCIENCES (PHYS 102 & Physical Science Elective) (6)** | | **PHYSICAL AND LIFE SCIENCES (6)** | |
| CHM 111 General College Chemistry | 3 | Physical and Life Sciences Elective | 3 |
| | | *PHYS 102 Explorations in Physics* | |
| **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 Macroeconomics) (6)** | | **SOCIAL SCIENCES - LOWER LEVEL ELECTIVE (One must be Macroeconomics) (6)** | |
| Social Science (Choose ECO 201 Prin of Economics I - Macro) | 3 | ECON 211 Macroeconomics | 3 |
| Social Sciences (See List) | 3 | Social Science Elective | 3 |
| **HUMANITIES/SOCIAL SCIENCES - UPPER LEVEL ELECTIVE (3)** | | **HUMANITIES/SOCIAL SCIENCES - UPPER LEVEL ELECTIVE (3)** | |
| | | | |
| ***PROGRAM SUPPORT*** | **15** | ***PROGRAM SUPPORT*** | **15** |
| | | ASCI 254 AVIATION LEGISLATION 3 | |
| | | ASCI 405 AVIATION LAW 3 | |
| | | ECON 210 MICROECONOMICS 3 | |
| | | MGMT 201 PRINCIPLES OF MANAGEMENT 3 | |
| | | MGMT 210 FINANCIAL ACCOUNTING 3 | |
| ***PROFESSIONAL DEVELOPMENT ELECTIVES*** | **21** | ***PROFESSIONAL DEVELOPMENT ELECTIVES*** | **21** |
| | | Select from the list of upper-level courses in Aeronautical Science, Air Traffic Control, Management, Economics and Safety | |
| ***OPEN ELECTIVES (Upper Level) (300-400): **(0 - 12)*** | **12** | ***OPEN ELECTIVES (Upper Level) (300-400):*** | **12** |
| | | | |
| ***OPEN ELECTIVES (Lower Level): **(0 - 18)*** | **18** | ***OPEN ELECTIVES (Lower Level): (0 - 18)*** | |
| MEC 195 Introduction to Aerospace Workplace | 2 | | |
| CHM 111 (1) DRF 151 (3) ETR 115 (3) ETR 126 (3) MAC 161 (3) | 13 | | |
| HLT/PED Health or Physical Education (2) SDV 100 (1) | 3 | | |
| | | | |
| ***TOTAL CREDITS TRANSFERRED** | **39** | **TOTAL CREDITS NEEDED** | **81** |
| | | **TOTAL CREDITS TRANSFERRED** | **39** |
| ****If less than 36 AAOC hours awarded, adjust hours to equal 48 total for AAOC and Open Electives (Upper and/or Lower). If less than 12 Upper Level AAOC hours awarded, adjust hours to equal a minimum of 39 Upper Level hours for the degree. Enter appropriate hours in Sem.Hr. Column (next to heading), then list individual courses and credit hours in designated area below for calculation to occur.** | | **TOTAL ERAU DEGREE REQUIREMENTS** | **120** |