

# Embry-Riddle Aeronautical University - Worldwide

## Articulation Agreement Transfer Table

The successful completion of the following Sinclair Community College, Associate of Applied Science in Aviation Technology - Track I - Flight courses will transfer to the ERAU Professional Aeronautics degree program if in accordance with the 2007-08 articulation agreement.

| Sinclair Community College, Associate of Applied Science in Aviation Technology - Track I - Flight, Course of Study   | Sem. Hrs.   | Embry-Riddle Aeronautical University - Worldwide, Bachelor of Science in Professional Aeronautics degree program requirements.   | Sem. Hrs.       |
|---|-------------|--|-----------------|
| COURSE NUMBER/TITLE   |             | COURSE NUMBER/TITLE  | BS              |
| <b>AVIATION AREA OF CONCENTRATION: ** (18 - 36)</b>   | <b>25.7</b> | <b>AVIATION AREA OF CONCENTRATION:</b>   |                 |
| AVT 105 (2) AVT 110 (2.7) AVT 111 (2) AVT 125 (2)   | 8.7         | <b>AVIATION AREA OF CONCENTRATION:</b> 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 |                 |
| AVT 160 (2.7) AVT 206 (1) AVT 211 (2) AVT 220 (1.3)   | 7           |  |                 |
| AVT 240 (2) AVT 242 (2) AVT 245 (2) AVT 247 (2) AVT 270 (2)   | 10          |  |                 |
|   |             |  |                 |
| <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>  |             |  |                 |
| <b>COMMUNICATION THEORY &amp; SKILLS</b>  | <b>(9)</b>  | <b>COMMUNICATION THEORY &amp; SKILLS</b>   | <b>(9)</b>      |
| ENG 111 English Composition I (2) ENG 112 English Composition II (2)  | 4           | English Elective (2) ENGL 123 English Composition (2)  | 4               |
| COM 206 Interpersonal Communication   | 2           | Speech Elective  | 2               |
|   |             | <i>Communication Theory &amp; Skills Elective</i>  |                 |
| <b>MATHEMATICS (Courses from approved sequences or equivalent)</b>  | <b>(6)</b>  | <b>MATHEMATICS</b>   | <b>(6)</b>      |
| MAT 116 College Algebra   | 3           | MATH 140 College Algebra   | 3               |
| MAT 117 Trigonometry  | 2.7         | MATH 142 Trigonometry  | 2.7             |
| <b>COMPUTER SCIENCE</b>   | <b>(3)</b>  | <b>COMPUTER SCIENCE</b>  | <b>(3)</b>      |
|   |             | <i>Computer Science Elective</i>   |                 |
| <b>PHYSICAL AND LIFE SCIENCES</b>   | <b>(6)</b>  | <b>PHYSICAL AND LIFE SCIENCES ELECTIVES</b>  | <b>(6)</b>      |
| AVT 119 Aviation Meteorology (2) AVT 206 Aerodynamics (1)   | 3           | Physical and Life Sciences Elective  | 3               |
| PHY 141 College Physics I OR PHY 131 Tech Physics I   | 2.7         | PHYS 102 Explorations in Physics   | 2.7             |
| <b>HUMANITIES/SOCIAL SCIENCES (for BS one must be U/L)</b>  | <b>(6)</b>  | <b>HUMANITIES/SOCIAL SCIENCES (for BS one must be U/L)</b>   | <b>(6)</b>      |
| Humanities Elective (See List)  | 2           | Humanities Elective  | 2               |
|   |             | <i>Social Science Elective (Upper Level)</i>   |                 |
| <b>ECONOMICS</b>  | <b>(6)</b>  | <b>ECONOMICS</b>   | <b>(6)</b>      |
|   |             | <i>ECON 210 Microeconomics</i>   |                 |
| Social Sciences (See List - Choose ECO 216 Prin of Macro I)   | 2.7         | ECON 211 Macroeconomics  | 2.7             |
| <b>PROGRAM SUPPORT</b>  | <b>18</b>   | <b>PROGRAM SUPPORT</b>   | <b>18</b>       |
|   |             | MATH 211 STATISTICS W/ AVIATION APPS -OR-<br>MATH 222 BUSINESS STATISTICS  | 3               |
|   |             | MGMT 201 PRINCIPLES OF MANAGEMENT  | 3               |
|   |             | MGMT 210 FINANCIAL ACCOUNTING  | 3               |
|   |             | MGMT 221 ADVANCED COMPUTER BASED SYSTEMS   | 3               |
|   |             | ASCI 254 AVIATION LEGISLATION  | 3               |
|   |             | ASCI 405 AVIATION LAW  | 3               |
| <b>PROFESSIONAL DEVELOPMENT ELECTIVES</b>   | <b>18</b>   | <b>PROFESSIONAL DEVELOPMENT ELECTIVES</b>  | <b>18</b>       |
|   |             | Select from the list of upper-level courses in Aeronautical Science, Air Traffic Control, Management, Economics and Safety   |                 |
| <b>OPEN ELECTIVES (Upper Level) (300-400): ** (0 - 12)</b>  | <b>12</b>   | <b>OPEN ELECTIVES (Upper Level) (300-400):</b>   | <b>12</b>       |
|   |             |  |                 |
| <b>OPEN &amp; GENERAL EDUCATION ELECTIVES (Lower Level):</b>  | <b>12.2</b> | <b>OPEN ELECTIVES (Lower Level):</b>   | <b>(0 - 18)</b> |
| AVT 206 Aerodynamics (1) MATH 116 College Algebra (.3)  | 1.3         |  |                 |
| ETD 198 Personal Computer Applications for Engineering Tech   | 1.3         |  |                 |
| AVT 205 Aviation Mgmt. (2) Engineering Technical Elective (6)   | 8           |  |                 |
|   |             |  |                 |
| <b>*TOTAL CREDITS TRANSFERRED</b>   | <b>58.4</b> | <b>TOTAL CREDITS NEEDED</b>  | <b>61.6</b>     |
|   |             | <b>TOTAL CREDITS TRANSFERRED</b>   | <b>58.4</b>     |
| <b>**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.</b> |             | <b>TOTAL ERAU DEGREE REQUIREMENTS</b>  | <b>120</b>      |