



Embry Riddle Aeronautical  
University



**Bachelor of Science in Professional Aeronautics**

**STUDENT DATA:**

**NAME:** ROADMAP'S DEGREE

**SSN:** 000-00-0000

**Credit Potential  
Required Credit**

**Communication Theory and Skills**

**9.00**

(Must include an English Composition course with research. College credit by examination may apply. Visit the ERAU website for a description of courses available.)

{DANTES Code = 11.07.00, 04.10.00}

**Lower Level Humanities or Social Science Electives**

**3.00**

(If lower level Humanities is taken, Social Science must be taken at upper level and vice versa. College credit by examination may apply. Visit the ERAU website for a description of courses available.)

{DANTES Code any 08.06.00 or most 08.XX.XX series}

**Macroeconomics (ECON211)**

**3.00**

(College credit by examination credit may apply. Visit the ERAU website for a description of this course.)

{DANTES Code = 20.05.00}

**Upper Level Humanities or Social Science Elective**

**3.00**

(If lower level Humanities is taken, Social Science must be taken at upper level and vice versa. College credit by examination credit may apply. Visit the ERAU website for a description of courses available.)

{DANTES Code = 08.06.00 or most 08.XX.XX series}

**Computer Science Elective**

**3.00**

(CSCI 109 Introduction to Computers and Applications -OR- Computer Science Elective.

College credit by examination may apply. Visit the ERAU website for a description of these courses.)

{DANTES Code = 05.02.00} {DANTES Code = 05.XX.XX series}

**Mathematics Electives**

**6.00**

(MATH 111 College Mathematics for Aviation I and MATH 112 College Mathematics for Aviation II or MATH 120 Quantitative Methods I and MATH 220 Quantitative Methods II or MATH 140 College Algebra and MATH 142 Trigonometry.

College credit by examination may apply. Visit the ERAU website for a description of these courses.)

{DANTES Code = 14.09.01} {DANTES Code = 14.01.00}

**Statistics Elective** 3.00

(MATH 211 Statistics with Aviation or MATH 222 Business Statistics.

College credit by examination may apply. Visit the ERAU website for a description of these courses.)

{DANTES Code = 14.09.01} {DANTES Code = 14.01.00}

**Physical and Life Science Elective** 6.00

(College credit by examination may apply. Visit the ERAU website for a description of this course.)

{DANTES Code = 16.XX.00}

**Aviation Legislation (ASCI254) [AV47SB]** 3.00

(Visit the ERAU website for a description of this course.)

**Aviation Law (ASCI405) [TR106B]** 3.00

(Visit the ERAU website for a description of this course.)

**Principles of Management (MGMT201) [MG001B]** 3.00

(College credit by examination may apply. Visit the ERAU website for a description of this course.)

{DANTES Code = 03.10.00}

**Financial Accounting (MGMT210)** 3.00

(College credit by examination credit may apply. Visit the ERAU website for a description of this course.)

{DANTES Code = 03.01.00}

**Microeconomics (ECON210)** 3.00

(College credit by examination may apply. Visit the ERAU website for a description of this course.)

{DANTES Code = 20.05.00}

**Advanced Computer Based Systems (MGMT 221)** 3.00

(Visit the ERAU website for a description of this course.)

**Upper Level Professional Development Electives** 18.00

(Select from the list of upper-level courses in: Aeronautical Science, Air Traffic Control, Business, Economics, and Safety of Flight. Visit the ERAU website for a description of courses available.)

**Area of Concentration: Professional Aeronautics** 18.00

(Area of Concentration: Professional Aeronautics 18 - 36 credits may apply. Make up shortages with HIST 130, History of Aviation in America, and non-duplicating courses from the following disciplines: Aeronautical Science, Aviation Maintenance, Air Traffic Control, Safety. College credit by examination may apply. Visit the ERAU website for a description of courses available.)

**Upper Level Free Electives / Open Electives** **12.00**  
 (College credit by examination may apply. Visit the ERAU website for a description of courses available.)

**Lower Level Free Electives / Open Electives** **18.00**  
 (0 - 18 Credits may apply Visit the ERAU website for a description of courses available.)

**Excess or Duplicate Credit**

**TOTAL** ..... **120.00** **0.00**

Thank you for requesting support from the U.S. Coast Guard Institute (CGI). Whereas we serve as an activity in support of your unit Educational Services Officer (ESO), you are encouraged to seek assistance from your local ESO in your academic endeavors. The following information is provided to help you understand what is presented in this degree plan:

This document is an UNOFFICIAL Degree Plan to provide you with a preliminary assessment of how your prior learning experiences might fit into the specified degree program for this academic institution. If you choose to pursue this degree option, you must present it to a college representative, who will review it for the following:

- o Accurate representation of the college's degree program requirements, including course numbers and titles, credit hours for each course, lower- and upper-level course requirements, and the total number of credits needed for the degree.

- o Appropriate assignment of ACE Guide-recommended credit at the lower or upper level for military service schools and occupations, CLEP, DSST, and other tests, transfer credit for courses from other colleges and universities, certification programs, etc.

- o Appropriate assignment of SOC Course Category Codes from the SOC Handbook Transferability Tables. The SOC Degree Program Handbooks can be obtained from the SOC web site at: [www.soc.aascu.org](http://www.soc.aascu.org) should you wish to learn more about the course transfer guarantees among SOC network institutions.

**IMPORTANT NOTE:** When you are ready to seek admission into this degree program, please send the completed enrollment form (found on the college's web page) to the USCG Institute. The registrar will send the college or university an official USCG transcript, a copy of the degree plan (if one was developed through the USCG Institute and was identified on your transcript request), and a ready-for-signature SOC Student Agreement (when signed by a college official, becomes a contract for degree completion).

Credit for all courses you have taken must be reflected on official transcripts sent directly to this college from the administrative offices of the colleges you previously attended. This degree plan is often used for information purposes by college counselors pending receipt of the official transcripts from the source colleges.

This degree plan is not intended to compete with your local college or university.

Keep in mind, you are allowed to transfer in a significant amount of the degree requirements to this institution. As such, credit from local colleges, college level examination programs, or advanced military training may be applied to this degree. You may also complete the courses necessary from this college either in residence (on campus or possibly on a military base at a campus extension in the Education Center) or through distance delivery of the courses. If you have questions, please contact the college counselor or your advisor listed at the bottom of this Degree Plan.

**DEGREE PLAN LEGEND:**

SH = Semester hours  
VOC = Vocational, not relative to an academic degree  
LL = Lower Level, i.e. courses at the Freshman/Sophomore level  
UL = Upper Level, i.e. courses at the Junior/Senior level  
GL = Graduate Level (sometimes recommended by ACE for very complex courses)  
[#] such as [EN024A] or [EN024B] = SOC Course Category Codes\*  
{#} such as {DANTES Code = 01.02.03} = DANTES Academic Codes \*\*

\* SOC Course Category Codes: Service members Opportunity Colleges (SOC) is a consortium of over 1,600 accredited colleges and universities seeking to provide degree opportunities to the military. Over 170 of these institutions participate in network degree programs developed for the Army, Navy, Marine Corps, and Coast Guard. A SOC course category number beside a course from one of these institutions, such as [EN024A] or [EN024B] for English Composition, indicates that courses from other degree program institutions with the same code may be taken to satisfy the degree requirement. See the SOC Degree Programs Handbooks at <http://www.soc.aascu.org/>

\*\* DANTES Academic Codes: The Defense Activity for Non-Traditional Education Support (DANTES) publishes the DANTES Independent Study Catalog (DISC) annually, which lists more than 6,000 courses from dozens of regionally accredited colleges and universities. Because this is a degree from a SOC affiliated college, the academic residency requirements are limited, thereby allowing students to transfer in a significant portion of the degree, as mentioned above. If the course you desire to take is not offered by this institution when you want to take it, consider the opportunities the courses in the DISC present. For more information, visit [http://www.dantes.doded.mil/dantes\\_web/distancelearning/disc/front/cont.htm](http://www.dantes.doded.mil/dantes_web/distancelearning/disc/front/cont.htm) Keep in mind, you should always check with the counselor or academic advisor at this institution before enrolling in a course listed in the DISC to ensure it will be accepted in transfer toward this degree.

**Embry-Riddle Aeronautical University General Information:**

At Embry-Riddle Aeronautical University, what they do -- and do best -- is teach the science, practice, and business of the world of aviation and aerospace.

Since it was founded just 22 years after the Wright brothers' first flight, the University and its graduates have built an enviable record of achievement in every aspect of aviation and aerospace.

The curriculum at Embry-Riddle covers the operation, engineering, research,

manufacturing, marketing, and management of modern aircraft and the systems that support them. The University engages in extensive research, consulting, and related activities that address the unique needs of aviation, aerospace, and related industries. The University engages in extensive research, consulting, and related activities that address the unique needs of aviation, aerospace, and related industries.

They offer more than 35 degree programs at residential campuses in Daytona Beach, Fla., and Prescott, Ariz., and at more than 130 extended learning centers for working professionals throughout the United States and Europe, many of which are on military installations, especially those with aviation commands. Embry-Riddle also provides distance education through online learning around the globe.

The Embry-Riddle Distance Learning program is an integral part of the Worldwide Campus. Distance learning provides an opportunity for students whose schedules or geographic location would otherwise prevent them from having the ability to pursue a higher education degree in aviation and aerospace. Distance learning eliminates a major barrier that keeps many adults from advancing their education - fitting campus-based classes into their busy schedules. Distance learning provides convenience and flexibility. The program supports and connects learners through online support groups, e-mail discussion forums, an online help desk, and online bookstores. Distance learners find faculty to be accessible, supportive, and as helpful as they are in our classrooms. This online format develops a sense of community among the students and keeps them from feeling isolated.

The average cost for tuition per course is around \$221.00 per credit hour undergraduate resident and distance learning courses.

Students may receive a SOC Student Agreement after registration as a degree candidate with Embry Riddle Aeronautical University.

For more information regarding this degree, please contact:

Linda Dammer, Director  
Advising, Enrollment & Recruiting Online (AERO)  
Embry-Riddle Aeronautical University  
600 S. Clyde Morris Blvd.  
Daytona Beach, FL 32114-3900  
(386) 226-6396  
E-mail: linda.dammer@erau.edu  
<http://www.erau.edu>

#### POLICY NOTES:

##### General Requirements:

- A minimum grade point average of 2.0.
- A minimum of 36-semester hours of upper division course work required for this degree.
- 90 semester hours nontraditional or transfer credit may be applied to this degree.
- A minimum of 30 hours of coursework for a baccalaureate degree must be taken from ERAU.
- A grade of "D" is NOT accepted in transfer.

. Helpful information:

- Open enrollment enables students to begin courses every month.
- Challenge examinations are available in every subject in ERAU catalog. Talk to your ERAU advisor for more information
- Portfolio assessment is available for those students with lifelong learning experiences that may equate to college credit: these must be submitted information with in six months of initially enrolling as a student.
- Some students may be interested in earning a minor in Aviation Safety, Logistics, Management, or Security and Intelligence: ERAU list 18-21 semester hours in these subjects required for the minor on their web site.

This college is rated as one of the nation's best in U.S. News & World Report's "America's Best Colleges" issue.

Evaluation completed by: Charles Morrison

On: 10 November 2008