

# Specialized Academic Opportunities

Embry-Riddle provides many specialized academic opportunities to students both on-campus and off-campus to assist the students during their academics as they prepare for careers in aviation and aerospace.

These activities occur throughout the year during the Fall, Spring, and/or Summer terms and offer areas for both undergraduate and graduate student.

## Certificate of Study in Airworthiness Engineering

The Certificate of Study in Airworthiness Engineering (CSAE) is a unique graduate-level program focused on the science and regulatory causalities of airworthiness engineering for air-system lifecycle certification. The program concentrates on different technical and regulatory aspects of achieving and sustaining airworthiness for an air-system. The curriculum is structured to address the aerospace professional and students alike on the educational needs regarding the principles of airworthiness engineering, especially those who are engaged in the design, development, certification, production, operation, and maintenance of air-systems - either manned and uncrewed.

The CSAE program consists of 4 courses, all of which must be taken in cohort form, in sequence, and may not be separately taken. New cohorts begin each Spring term. The program is offered in blended delivery format using both synchronous Face-To-Face (FTF) and web-based instruction modalities. Upon successful completion of each course, earned graduate credit is recorded on an official transcript. Certificate credit, which serves as the core requirement for the MSAWE degree program may additionally be applied toward other master's degrees, if the recipients so choose. The CSAE requires the successful completion of all 4 courses, 12 credits, extending over a 15-month-long period.

AWE 502	Airworthiness Process & Procedures	3
AWE 510	Aircraft Airworthiness Engineering Principles	3
SYS 505	System Safety and Certification	3
UAS 501	Introduction to Uncrewed Aircraft Design	3
<b>Total Credits</b>		<b>12</b>

## Aviation Maintenance Certification

### Airframe and Powerplant Technician Certification

The maintenance technical track courses, which are part of the Baccalaureate and Associate of Science in Aviation Maintenance Science (AMS) degree programs, as well as a minor course of study, provides the student the necessary training to successfully attain the Federal Aviation Administration's (FAA) Airframe and Powerplant (A&P) mechanic's certification. This technical track consist of a carefully selected blend of theory and practical applications that can be completed in 16 months and is only offered at the Daytona Beach Campus.

Students perform airframe repairs and the overhaul of engines and their accessories, including those used in Embry-Riddle's pilot training fleet. The facilities, equipment, curriculum, and instructional faculty are fully credentialed and approved under Title 14 of the Code of Federal Regulations, part 147. Embry-Riddle holds an Air Agency Certificate No. NX4T404M and an FAA Repair Station Certificate No. NX42404M.

### Avionics Line Maintenance Specialization

The Avionics Line Maintenance minor provides the student the necessary training to successfully obtain the Federal Communication Commission's General Radiotelephone Operator's License as well as advanced avionics training using current industry standards and procedures. Students learn basic wiring and electronic concepts, system installations, and advanced avionics line maintenance troubleshooting techniques. This minor course of study is available to students in a Baccalaureate degree that have met

the pre-requisite requirements. The pre-requisite requirements are met by completing the AMS Airframe technical track or by possessing an A&P certificate.

### Sources of Information

For general academic and admissions information regarding the Aviation Maintenance Science programs:

Aviation Maintenance Science Dept.  
Embry-Riddle Aeronautical University  
1 Aerospace Boulevard  
Daytona Beach, FL 32114  
1-386-226-7617 - or - 1-877-904-3746  
1-386-226-6778 (fax)  
<http://erau.edu/ams>

## Cooperative Education/Internships

The Cooperative Education/Internship Program offers qualified undergraduate students an opportunity to gain valuable practical work experience, explore career options, develop contacts in the industry, and earn college credit. Requirements and benefits vary by degree program and by employer. Students should discuss their co-op/internship plans with their academic advisor, Career Services Program Manager, and the Faculty Co-op Advisor in their degree program.

For domestic students, one upper-level open elective credit hour is awarded for every 100 clock hours of relevant work completed, with up to a maximum of six credit hours in one semester. Additional information, including eligibility requirements, is available from Career Services on the Career Services ERNIE page, and in Handshake.

International students must verify their eligibility to work in the U.S. with International Student & Scholar Services BEFORE accepting a co-op or internship, and may not register for a co-op or internship after having completed their educational requirements, according to the regulations of the United States Citizenship and Immigration Services. A co-op or internship must be required in the curriculum or fulfill a required elective.

Students who register for a co-op/internship to earn academic credit will be charged tuition for one credit hour plus applicable mandatory and program fees.

The Co-op Assistance Award Program offers the opportunity to apply for financial assistance to eligible students planning to participate in a co-op or internship for credit through the university.

## Embry-Riddle Language Institute (ERLI)

The Embry-Riddle Language Institute is an intensive English program providing academic English language instruction to non-native speakers of English. ERLI offers six (6) starting points per year (2 in spring, 2 in summer, and 2 in fall). ERLI offers courses in Reading, Writing, Grammar, and Listening and Speaking, as well as special topics content courses such as Aviation and Aerospace, English for Visual Flight Rules, and Human Factors in Aviation. Students who meet all other University admission requirements can be granted full admission to the University pending successful completion of the program. Requirements for program completion are listed on the ERLI website. The ERLI Pathway program offers eligible students an opportunity to improve their English while earning credits toward their degree. All ERLI students enjoy the benefits of full ERAU student status with access to Embry-Riddle Aeronautical University facilities. Other benefits of our program include field trips and social events. For more information, please contact:

Embry-Riddle Language Institute  
1 Aerospace Blvd  
Daytona Beach, FL 32114-3900  
Phone: 1-386-226-6192  
Email: [erli@erau.edu](mailto:erli@erau.edu)  
Website: <http://erau.edu/erli>

## Honors Program

The Honors Program at Embry-Riddle is highly selective, offering students an enriched educational experience while also giving them opportunities to enhance campus and community life for others. Honors Program students enroll in several general education seminars focused on relevant, stimulating, interdisciplinary topics that encourage critical and creative thinking. Honors classes are small, the faculty are carefully selected, and the courses are student-centered and discussion-oriented. The Honors experience in the major emphasizes close involvement with selected faculty, research opportunities, and individually tailored projects. The program also adds to campus life through its guest speaker series and through activities sponsored by its student organization. Graduates of the Honors Program are models of academic excellence and student leadership.

Some features of the Honors Program:

- 12 credit hours of Honors in general education; in addition, at least 12 credit hours of Honors in the major. The Honors Program does not automatically add credit hours to any major.
- Honors seminars no larger than 24 students.
- Honors faculty.
- Guest speakers and artists of national/international notoriety who spend time with students in specially scheduled sessions.
- Honors Living Learning Community housing for first year Honors Program students.
- Priority registration for classes.
- Research opportunities.
- Co-op and internship opportunities.
- Summer study-abroad opportunities.

## Project Global Officer (GO)

Project GO is a nationwide program open to all qualified ROTC students. Qualified participants receive a fully funded scholarship, which includes 6-12 course credits in critical language education, overseas study, and cross-cultural experiences. Through Project GO, future military officers develop linguistic and cross-cultural communication skills required for effective leadership in the 21<sup>st</sup>-century operational environment.

Students may apply for a Project GO program from one of dozens of universities throughout the United States. If accepted for the program hosted at Embry-Riddle, students will attend an eight-week intensive language and cultural immersion program in Asia with a Mandarin and Chinese language focus. Courses are taught in a study abroad format and will meet for four hours each weekday, with tutoring and assignments required outside the classroom. On the weekend, students will participate in prearranged weekend cultural trips throughout the host country.

Project GO is an initiative sponsored by the Defense Language and National Security Education Office and administered by the Institute of International Education.

## Air Force ROTC

The Air Force Reserve Officer Training Corps (Air Force ROTC) is an educational program designed to give men and women the opportunity to become officers in the Air and Space Forces of the Department of the Air Force. It prepares young men and women to become leaders in today's high-tech Air Force and Space Force while completing their college degrees. Air Force ROTC enrollment is not restricted to individuals who wish to be commissioned officers in the U.S. Air Force or U.S. Space Force. Students may elect to take Air Force ROTC courses for academic credit only, earning elective credits for all University degrees.

Reserve Officer Training programs are subject to the control of the service branch that sponsors them and are operated according to the rules and regulations established by the service branch. Any qualified student may enroll in Air Force ROTC; check with your local Air Force ROTC detachment for more information.

## Four-Year and Three-Year Program

The first half of the four-year program is called the General Military Course, which is offered during a student's freshman and sophomore years. This program allows students to try out Air Force ROTC for up to two years without incurring any obligation (unless they are on an Air Force ROTC scholarship). The freshman and sophomore level classes cover fundamental information about the Department of the Air Force, leadership/followership topics, and the basics of military service. If students join as sophomores and only have three years of college remaining, they may combine their freshman and sophomore classes in order to complete their degree plan and AFROTC requirements in three years. The last two years are called the Professional Officer Course. These junior and senior-level classes cover leadership skills, national security affairs, and preparation for active duty. Textbooks and reference materials are provided electronically and free of charge for all Air Force ROTC courses.

## Field Training

All Air Force ROTC cadets must attend field training, also known as "basic training." Cadets usually attend field training during the summer between their second and third years of college. The purpose of field training is to evaluate military discipline and Air Force leadership potential and to determine readiness for entry into the Professional Officer Course (POC) via leadership, followership, and team-building opportunities.

## Air Force ROTC Scholarships

Air Force ROTC offers scholarships covering a student's college tuition and fees for two to four years. There are Type 1 and Type 2 scholarships. Type 1 scholarships cover 100% of tuition. Type 2 scholarships cover up to \$18,000 per year in tuition and fees (max of \$9,000 per semester or \$6,000 per quarter). In addition, each scholarship pays an annual book allowance of \$900 (\$450 per academic term) and a tax-free stipend during the academic year of \$300-\$500 per month, depending on their academic year.

In addition to the Air Force's scholarship aid, Embry-Riddle also offers financial incentives to new high school Air Force ROTC scholarship winners. University funding includes any university scholarships, need-based grants, and awards.

University funding, in combination with funding from Air Force ROTC, cannot exceed the cost of education. This university assurance is offered at the discretion of the university Financial Aid Department, not Air Force ROTC.

High school students interested in a scholarship should apply as soon as possible in the six-month application period (July 1 to December 31 of their senior year). The online application for the High School Scholarship Program can be found at [www.afrotc.com](http://www.afrotc.com)

In-college scholarship opportunities may be available for students already enrolled in the Air Force ROTC program. Check with your local Air Force ROTC detachment for more information.

All scholarship applicants must meet the following requirements:

- Be a U.S. citizen
- Be less than 31 years old as of December 31 of the year you will commission
- Meet minimum military and physical standards
- Meet minimum term and cumulative GPA
- The higher the student's GPA and SAT/ACT scores, the better their chance of being selected as a scholarship recipient.

For more information, contact:

AFROTC Detachment 157  
Embry-Riddle Aeronautical University  
1 Aerospace Boulevard  
Daytona Beach, FL 32114-3900  
1-386-226-6880  
[afrotcdb@erau.edu](mailto:afrotcdb@erau.edu)

<http://daytonabeach.erau.edu/rotc/air-force/>

## Army ROTC

Army Reserve Officers' Training Corps (ROTC) enhances a student's education by providing unique leadership and management training, along with practical experiences that you can take initially without any obligation for military service. Army ROTC is open to men and women, freshmen through seniors, as well as graduate students, and gives students an opportunity to acquire the skills and knowledge necessary for commissioning as a Second Lieutenant in the U.S. Army.

The curriculum is designed to be challenging, educational, and flexible enough to allow students to meet scholastic, professional, and personal goals. All of our cadets currently participate in either extracurricular activities, athletics, Greek life, or have a job while remaining a college student first.

Classes and training include leadership development, problem-solving, decision making, tactics, physical training, map reading, land navigation, rappelling, rifle marksmanship, patrolling, drill and ceremony, military history, ethics, and military law. Students may earn 18 hours of academic credit for completing four years of Army ROTC. The ROTC courses may also be applied towards open elective requirements in many of our degree programs or toward a minor in Military Science. All uniforms and equipment are issued to all contracted ROTC Cadets at no charge.

Reserve Officer Training programs are subject to the control of the service branch that sponsors them and are operated according to the rules and regulations established by the service branch.

## Benefits

All contracted military science students receive a monthly stipend of \$420 per month for the ten months they are in school and \$1,200 a year for books (\$600 each semester).

Two-year through and four-year, scholarships that cover full tuition and fees are available to those who qualify. The higher the student's GPA, SAT/ACT scores, and their performance as a Cadet, the better the chance of being selected as a scholarship recipient.

In addition, entering freshmen who receive three-year advance designee and four-year Army ROTC scholarships are eligible to receive additional financial incentives from Embry-Riddle.

## Military Science Classes

The Basic Military Science courses are offered during the freshman and sophomore years. These courses cover time management, ethics, military organization, equipment, weapons, map reading, land navigation, use of compass, rank structure, threat, communications, leadership, and physical training. Each course consists of classroom instruction and a mandatory lab. Students are required to have a doctor's statement allowing participation in college-level physical education classes. Freshman and sophomore students may enroll in Basic Military Science classes with no obligation to the Army. Graduation from Basic Camp at Fort Knox, KY or the two years of ROTC classes on campus is required prior to advancing to Advanced Military Science.

The Advanced Military Science courses are normally taken during the junior and senior years (or during your two years as a graduate student). These courses specialize in small unit tactics, preparation and conduct of military training, military justice system, staff procedures, decision-making and leadership, managerial concepts, problem analysis, military writing, the ethics of the professional soldier, and physical training. The courses consist of classroom instruction and a mandatory lab. This phase requires attendance at the five-week Advanced Camp held at Fort Knox, KY during the summer between your junior and senior year of ROTC.

## Physical Training

All scholarship and non-scholarship cadets are required to attend physical training a minimum of three days per week as part of the course grade.

Physical training is normally conducted Monday, Wednesday, and Friday in the morning prior to class.

## Basic Camp

A summer training program is offered for students without previous ROTC or military training who will be academic juniors or graduate students. The Army ROTC Basic Camp is a 32-day course at Fort Knox, KY, during the summer after their sophomore year, and qualifies a student for entry into the Advanced Military Science curriculum, thus allowing completion of all requirements for commissioning in two years. Students attending the summer camp at Fort Knox receive approximately \$800. Students receive six hours of credit for the basic military science course upon completion of the Basic Camp.

## Advanced Camp

Advanced Camp is a 35-day training event that is designed to assess a Cadet's ability to demonstrate proficiency in basic officer leadership tasks. Cadets are evaluated on their ability to lead at the Squad and Platoon levels, both in garrison and tactical environments. Training events include land navigation, confidence course, basic rifle marksmanship, first aid, field leader's reaction course, and Chemical, Biological, Radiological, & Nuclear (CBRN) tasks. Successful completion of the Advanced Camp is a prerequisite for commissioning.

## Requirements to Contract/Scholarship

### All applicants must meet the following requirements:

- Be under 31 years of age prior to commissioning (waiver available)
- Meet required medical and physical standards
- Have a minimum cumulative academic GPA of 2.5
- Have taken the SAT or ACT

### Scholarship Benefits Include:

- Full tuition and fees each year (minus Flight Training),
- A subsistence allowance of \$420 per month for the ten months of school,
- A \$1,200 book allowance per year (\$600 each semester).

### Admission into the Basic Military Science Curriculum:

- Enrollment in a baccalaureate or master degree program
- Must be at least 17 years of age at time of entry
- U.S. citizen
- Must maintain full-time student status each term (at least 12 credit hours)

### Admission into the Advanced Military Science Curriculum:

- Be a U.S. citizen
- Successful completion of the Basic Military Science curriculum, Basic Camp, or another service's equivalent (e.g. Air Force or Navy ROTC)
- Successful completion of the Army physical examination
- Selection by the professor of Military Science
- Agreement to complete the Advanced Course requirements and serve on active duty, reserve, or National Guard duty as a commissioned Officer
- Maintain minimum Term, Cumulative, and ROTC GPAs
- Must maintain full-time student status each term (at least 12 credit hours)

For further information contact:

Embry-Riddle Army ROTC  
1 Aerospace Boulevard.  
ROTC Building, Room 230  
Daytona Beach, FL 32114-3900  
1-386-453-9185

email: [armyrotc@erau.edu](mailto:armyrotc@erau.edu)

## Naval ROTC

### Naval Reserve Officers Training Corps

The Naval Reserve Officers Training Corps (NROTC) unit administers the Naval Science Program at Embry-Riddle. All students enrolled in the University who are physically and mentally qualified are eligible to apply for entry into the NROTC Program. This program affords men and women the opportunity to receive instruction in Navy-specified courses that, in conjunction with the baccalaureate degree and U.S. citizenship, will qualify them for a commission in the U.S. Navy or Marine Corps. Students are selected on their own merit to become officers in the U.S. Navy and Marine Corps. As naval officers, Embry-Riddle NROTC graduates become eligible for varied careers, serving in aviation squadrons, on surface ships, on submarines, and in special operations, or in numerous sub-specialties as an officer of the Marine Corps.

Reserve Officer Training programs are subject to the control of the service branch that sponsors them and are operated according to the rules and regulations established by the service branch.

Students interested in the Embry-Riddle NROTC Program may compete for four-year NROTC national scholarships prior to matriculation. Students who join the unit through the NROTC College Program are eligible to compete for other types of scholarships throughout their college career. With the consent of the Professor of Naval Science, any student, although not enrolled in the NROTC Program, is eligible for enrollment in naval science courses.

Contact the NROTC department at 1-386-323-8990 or [dbnrotc@erau.edu](mailto:dbnrotc@erau.edu) for more information.

### Naval ROTC Four-Year National Scholarship Programs

Scholarship students are appointed Midshipmen, U.S. Navy Reserve. The Navy pays for tuition, fees, uniforms, a stipend for textbooks each semester, and a per month subsistence allowance starting at \$250 per month for first-year candidates and up to \$400 for senior students during the academic year. Four-year scholarship students are normally selected through national competition during their senior year in high school. However, students who are already enrolled in college and have less than 30 college credits but not in the NROTC Program may compete nationally for four-year scholarships during their freshmen year of college.

Although it is not a requirement, students in the NROTC Scholarship Program are encouraged to pursue a major in engineering, mathematics, chemistry, or physics to meet the technological requirements of the Navy. Other fields of study for a major leading to a baccalaureate degree are permitted with the approval of the Professor of Naval Science. Regardless of the major, every Navy scholarship student must complete one year of calculus and calculus-based physics.

Students must include certain Navy-specified courses in their program and complete a program of courses as prescribed by the Professor of Naval Science. Upon graduation and successful completion of the Naval Science curriculum, the Midshipman will receive a commission as an Ensign in the U.S. Navy or Second Lieutenant in the U.S. Marine Corps and will serve on active duty for a minimum of five years.

Contact the NROTC department at 1-386-323-8990 or [dbnrotc@erau.edu](mailto:dbnrotc@erau.edu) for more information.

### Naval ROTC College Program

Students enrolled in the NROTC College Program can compete for full scholarships of various lengths. Once selected for a scholarship, students fall under the Scholarship Program described above. Students who are not selected for a scholarship may be eligible for selection to Advanced Standing status and will be appointed as a Midshipman prior to the commencement of the Advanced Course starting their junior year.

The Navy pays for uniforms and naval science textbooks during the four-year period and, during the junior and senior years, pays the Midshipman a monthly subsistence allowance. Each student is selected for enrollment

in the program through application to the NROTC and will be selected on the basis of past academic performance, potential, personal interviews, and a physical examination. A College Program Midshipman acquires a military service obligation only after entering the Advanced Course at the beginning of the junior year.

Although there are no restrictions on the major college program students may pursue, it is highly recommended that they pursue a course of study similar to that of scholarship students. Students must also include in their program certain Navy-specified courses and a program of courses in naval science. Students, upon graduation and successful completion of the Naval Science curriculum, receive a commission as an Ensign in the U.S. Navy or as a Second Lieutenant in the U.S. Marine Corps and will serve on active duty for a minimum of five years.

Contact the NROTC department at 1-386-323-8990 or [dbnrotc@erau.edu](mailto:dbnrotc@erau.edu) for more information.

### Naval ROTC Two-Year Scholarship

NROTC offers a two-year scholarship program that is designed specifically for students commencing their third year of college who were not enrolled in the NROTC program during their freshman and sophomore years. Applications must be submitted during the sophomore year by March 1 to permit processing, personal interviews, and a physical examination. Qualifications for acceptance into this program include demonstrated ability to complete college-level physics and calculus courses.

Upon acceptance into this program, the student will attend a six-week intensive course at the Naval Science Institute in Newport, R.I., in the summer prior to beginning the junior year of study. Students in a five-year engineering curriculum may attend the institution between their third and fourth years. The six-week summer course qualifies the student for enrollment in the NROTC Program at the junior level. During the student's attendance at the Naval Science Institute, the Navy provides room and board, books, uniforms, transportation from home and return, and also pays the student a monthly stipend. Upon successful completion of the course, the student will return to the University and participate as a scholarship student in the NROTC program. Students, upon graduation and successful completion of the Naval Science curriculum, receive a commission as an Ensign in the U.S. Navy or as a Second Lieutenant in the U.S. Marine Corps and will serve on active duty for a minimum of five years.

Contact the NROTC department at 1-386-323-8990 or [dbnrotc@erau.edu](mailto:dbnrotc@erau.edu) for more information.

### Naval ROTC Summer Training

The NROTC Scholarship Program and College Program Advanced Standing students are required to complete training of approximately four to six weeks during summer recesses. During the first summer period, each scholarship student receives instruction in aviation training, marine combat training, surface warfare indoctrination, and submarine indoctrination either in Norfolk, Va., or San Diego, Calif. The second summer training is performed aboard operational ships of the U.S. fleet from an enlisted service member's perspective. During the third summer, candidates for U.S. Navy commissions will perform training aboard operational ships from a junior officer's perspective. The students who qualify for nuclear propulsion training may elect to cruise on nuclear-powered ships or submarines. Some midshipmen cruise with allied navies through the Midshipman Foreign Exchange Program. Transportation costs to and from the training sites, subsistence, quarters, and monthly pay will be paid to every participating student.

The candidates for U.S. Marine Corps commissions will perform training at the U.S. Marine Corps Base, Quantico, Va. The Marine Option NROTC Summer Training Program is designed to prepare midshipmen for appointment to commissioned grade by providing basic military instruction and physical training. An evaluation of midshipmen is made to ensure that they possess the leadership, academic, and physical qualifications required for appointment to commissioned grade in the Marine Corps.

Contact the NROTC department at 1-386-323-8990 or [dbnrotc@erau.edu](mailto:dbnrotc@erau.edu) for more information.

### Marine Corps Platoon Leaders Course Program

For freshmen, sophomores, and juniors, the Marine Corps offers the Platoon Leaders Course (PLC) program. Freshmen and sophomores attend two six-week training sessions, and juniors attend one 10-week session at Quantico, Va. During the training sessions, candidates can earn from \$2,100 to \$3,200, depending on which training session is attended. In addition, eligible candidates may apply for two financial assistance programs, the Financial Assistance Program (FAP) and the College Tuition Assistance Program (CTAP). Call or visit the Web site to receive more information.

To be eligible for the program, the student must be a U.S. citizen (either native-born or naturalized), with full-time enrollment in a minimum of 12 academic credits per semester, and must be working toward an accredited/recognized baccalaureate degree.

The PLC Program offers two entry-level paths that lead to commissioning as a second lieutenant in the U.S. Marine Corps. The first is the Guaranteed Aviation Program. Applicants must have a qualifying ACT, SAT, or ASVAB score and must take the Aviation Selection Test Battery (ASTB). Those who have at least the minimum score of 4/6 on the ASTB; pass a Class 1 aviation medical examination performed at a Navy medical facility; pass a Marine Corps Physical Fitness Test (PFT); and are accepted into the program by Headquarters Marine Corps, will be eligible to receive a contract guarantee. The second program is the Ground Officer Program. This program encompasses all military occupational specialties not directly related to piloting aircraft, or guaranteed law.

To be eligible for the U.S. Marine Corps Platoon Leaders Class Program, a student must be enrolled full-time. Openings are available for men and women with any major who are under the age of 28.

Contact the Officer Selection Office at 1-866-290-2680 (toll free) or 1-407-249-5873.

### Nuclear Propulsion Officer Candidate Program

Two and a half years prior to college graduation, future nuclear power officers can enter the Nuclear Propulsion Officer Candidate Program (NUPOC). This program offers you a monthly stipend from \$2,990 to \$5,000 per month for up to 30 months depending on location, a \$15,000 selection bonus, and an additional \$2,000 bonus upon completing nuclear propulsion training. After completion of the 12-week course at Officer Candidate School, nuclear power officers then begin training at the Naval Nuclear Power Training Command (NNPTC) in Charleston, S.C. This 24-week course helps students understand the complex nature of nuclear propulsion through a broad background on theory and operations mechanics. Once you've successfully completed NNPTC, you'll begin training at a Nuclear Power Training Unit for real-life work on an actual operating reactor. You'll work at all junior watch stations and eventually assume the role of engineering officer of the watch in charge of the entire plant. Submarine nuclear-trained officers attend Submarine Basic Course, a 12-week course that will familiarize you with submarine safety and operations and all of the necessary aspects of submarine life as an officer. Surface ship nuclear power officers will first attend officer candidate school, complete a sea tour, and attend Surface Warfare Officer School prior to receiving nuclear power training. The NROTC department can offer more information and contact information for the Navy Officer Recruiter.

Contact the Nuclear Officer Programs Recruiter, at 1-407-240-5939 Ext 1407 for more information.

### Civil Engineering Corps Collegiate Program (CEC)

Provides money for students to focus on completing their degree without having to take on a part-time job. They will graduate with a guaranteed job as a commissioned officer in the U.S. Navy.

### Eligibility:

- Must be a U.S. citizen
- Must be physically qualified
- 19-35 years old on date of commissioning
- Minimum 3.0 GPA on a 4.0 scale (engineering or architecture degree)
- 24 months or less from graduation (in an accredited ABET or NAAB program)

### Benefits:

- Earn up to \$101,000 while in college
- Medical/dental coverage and life insurance
- Possible advancement while in college
- College years enrolled in the program count toward retirement
- Full-time student; military duties begin after degree obtained

Please contact General Officer Programs at 1-407-240-5939 Ext 1405 for more information.

### Naval Aviation Club

A dynamic Naval Aviation Club informs and assists students who are eager to learn about naval aviation careers. Membership dues are nominal, and no academic credit is conferred. The club features guest speakers and aircraft from fleet squadrons, in addition to field trips to naval air stations, aircraft carriers, and the cradle of naval aviation at Pensacola. Current Navy policy information is made available through close liaison with Navy Recruit Command representatives.

For more information, contact the president of the Embry-Riddle Naval Aviation Club.

### Ronald E. McNair Scholars Program

This program is named in honor of the African-American mission specialist, Dr. Ronald E. McNair, who died in the 1986 Challenger Space Shuttle disaster, and is funded by a U.S. Department of Education TRiO grant. This prestigious program offers academic enrichment opportunities and other support services to eligible underrepresented and low income/first generation undergraduate students who are interested in exploring graduate degree opportunities, which may lead to a Ph.D. Among its many attributes, the program provides mentoring, academic and career counseling, Graduate Record Examination (GRE) preparation, a research methodology and statistics workshop, funded research opportunities, and cultural/social activities. Acceptance into the program is selective and is based on a special application process. Eligible transfer students are also welcome to apply. For more information, contact:

McNair Scholars Program  
1-386-226-6149  
[dbmcnair@erau.edu](mailto:dbmcnair@erau.edu)

### Strategic Languages: Russian and Arabic

Students on the Daytona Beach campus can enroll in up to four semesters of two strategic languages, Russian and Arabic. As a result of a consortium partnership with Stetson University, Stetson faculty deliver Russian language classes to ERAU and Stetson students. Stetson students receive face-to-face instruction, and ERAU students simultaneously participate via a telepresence classroom on the DB campus. To enhance the learning environment, a native Russian speaker serves as a teaching assistant in the telepresence classroom. An ERAU faculty member delivers Arabic language classes using the same strategies, except in reverse. ERAU students receive face-to-face instruction, and Stetson students simultaneously participate via a telepresence classroom on the Stetson campus. ERAU students can elect a minor in Arabic Studies, comprising a minimum of three language classes and two upper-level courses in Arabic culture and/or history.

ERAU students who are interested in enrolling in strategic languages can gather more information about the courses by contacting:

Humanities and Communication Department  
Dr. Donna Barbie or Dr. Emad Hamdeh  
1-386-226-6668

## Study Abroad & Global Engagement

The Study Abroad & Global Engagement (SAGE) is proud to offer all our students unique and award winning academic study abroad programs, as well as, research and volunteer programs abroad. Embry-Riddle recognizes the unquestionable benefits of international exposure in today's increasing globalization. Embry-Riddle offers its students a wealth of opportunities to study abroad in over 50 destinations spanning five continents. Whether it's as short as a week or a one-month summer adventure or a semester/year-long program, these programs provide students with experiences that will greatly enhance not only their academic and professional lives but also their personal lives.

Students in good academic standing from ALL degree programs, both undergraduate and graduate, from any of our campuses have the opportunity to take courses through our partner universities that will be directly applicable to and count toward their degree programs at Embry-Riddle. These exchanges may be semester or year-long and most exchange programs are available in English. Additionally, there are programs taught in the language of the host country. Qualified exchange program participants may also have the opportunity to be placed in internships with companies or research labs abroad.

Our innovative and, in many cases, one-of-a-kind summer programs are taught in English by ERAU professors and host professors throughout the world. Our summer programs are designed to enhance student learning in unique and dynamic ways through academics, experiential (hands-on) opportunities and visits to businesses and organizations only open to our students because of ERAU collaborations and partnerships. Embry-Riddle offers a variety of two to four week summer programs at half-price tuition. This reduced tuition serves as an additional incentive for students to explore other countries, cultures, languages, foods, and experiences while advancing their education and enhancing future career competitiveness. Living expenses in many of our destinations can be substantially lower than in the United States, allowing students to save even more.

Spring and winter breaks bring even more opportunities to globalize. The Study Abroad & Global Engagement office, in collaboration with various colleges and offices on campus, often offers academic and volunteer abroad programs during these breaks.

Our newest initiative, Study America, offers specific opportunities to students through college departments who have identified a domestic program, organization or location that will provide long term benefits for their students. The Study America programs will focus on a specific aspect to help enhance student learning by taking them to a learning location stateside.

Start your international education journey by stopping by our offices.

Daytona Campus is located on the first floor of New Residence Hall 3, Room 108 or contact us at [GoGlobal@erau.edu](mailto:GoGlobal@erau.edu).

Prescott Campus is found co-located in CIPS, building 51, Room 104.

For information on **financial aid** for our global programs, please contact ERNIE Central.

Please visit our website here for more information or to contact us.

INCREASE YOUR EMPLOYMENT POTENTIAL, be an ERAU Eagle Abroad! Take the road less traveled and let your journey begin! #GoGlobal

## Undergraduate Research Scholars Program

Embry#Riddle strives to create a culture of knowledge discovery through research and scholarship. Students who aspire to engage in sustained research activities over the course of their undergraduate career are invited to apply for admittance into the Undergraduate Research Scholars Program. Requirements include: two or more terms/semesters of research under the supervision of a mentor; completion of research training; research dissemination; and reflection. Successful completion of the

program will result in a Research Scholar notation on the student's official academic transcript.

To learn more about the program and application process, contact the Office of Undergraduate Research, Daytona Beach (OUR-DB). Interested students must apply for the program no later than the first day of the term of which they anticipate graduating. Applications will not be accepted after a student's undergraduate degree has been conferred.