



EMBRY-RIDDLE AERONAUTICAL UNIVERSITY

Arizona | Florida



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You know where you're going.
We help get you there.

fly

You love things that fly.

“

EVER SINCE I WAS LITTLE,
I WANTED TO BE AN ASTRONAUT,
AND I CAME HERE TO LEARN TO FLY.”

— *Tasha, Aeronautical Science*





“

IN MY SENIOR PROJECT WE'RE TRYING TO BUILD AN UNMANNED AERIAL SYSTEM, WHICH CAN INTEGRATE AN AUTONOMOUS VEHICLE INTO THE NATIONAL AIRSPACE.

”

— Raj, Aerospace Engineering

design

You want to envision the model and build the parts for aerodynamic machines.

lead

You expect to step up—
to take control, break the mold,
drive global business, boost
the bandwidth, command the team.

“

MY AMBITION WAS ALWAYS TO BE AN AIRPORT EXECUTIVE. NOW, I'M ON MY WAY. I HAVE BEEN HIRED TO OVERSEE THE CUSTOMER RELATIONS DEPARTMENT AT AN INTERNATIONAL AIRPORT. I'LL BE SUPERVISING 110 PEOPLE, SOME OF WHOM WERE MY SUPERVISORS WHEN I WAS AN INTERN.

— *Gustavo, Business Administration/Airport Management*

”





“

IN AIR TRAFFIC CONTROL, WE HAVE OUR OWN LAB WHERE WE HANDLE SIMULATED EMERGENCY SITUATIONS. WE HAD TO RE-ROUTE AN AIRCRAFT AND CORRECT ITS ALTITUDE TO GET IT TO LAND SAFELY.

”

— James, Air Traffic Management

predict

You have an interest in maneuvering runway traffic or forecasting weather patterns—managing the systems required for safe flight.

protect

You'd love to be involved in the policy-making and field operations that keep our earth, air, and cyberspace secure.

“

I CAME HERE BECAUSE OF THE GSIS PROGRAM—AND BECAUSE I GOT A GREAT ARMY ROTC SCHOLARSHIP. I'M HOPING TO GET INTO MILITARY INTELLIGENCE AFTER I GRADUATE, AND AFTER THAT I WANT TO WORK FOR ONE OF THE GOVERNMENT AGENCIES.”

— *Ethan, Global Security and Intelligence Studies*





“ DURING MY VISIT—WHEN AN AIRPLANE WOULD FLY OVER, EVERYBODY WOULD JUST STOP AND LOOK UP, AND THAT WAS HOW I KNEW I BELONGED AT THIS SCHOOL. IT JUST MADE ME FEEL LIKE I FIT IN. ”

— *Waverly, Aeronautical Science*

explore

You look up with wonder and dream of all the different ways you plan to push the envelope.

Embry-Riddle Aeronautical University offers the world's most comprehensive collection of academic programs focused in aviation, aerospace, and security. Our students embark on highly specialized, career-oriented study, with the advantage of small hands-on classes and a faculty with deep industry expertise. Located in Prescott, Arizona and Daytona Beach, Florida—our two residential campuses offer you the choice of mountain community or spectacular beach settings.

fast facts



► Prescott, Arizona



► Daytona Beach, Florida

FOUNDED

1925 by barnstormer John Paul Riddle and entrepreneur T. Higbee Embry.

RESIDENTIAL CAMPUSES

Prescott, Arizona

In a gorgeous mountain setting, our residential campus in the West serves 1,800 undergraduate students, with an average class size of 21.

Daytona Beach, Florida

Only minutes from the beach, and adjacent to an international airport and speedway, our East coast residential campus serves 4,600 undergraduate students, with an average class size of 23.

DISTINCTIONS

1^{IN}4

COMMERCIAL PILOTS HAVE STUDIED AT EMBRY-RIDDLE

1ST

GLOBAL SECURITY AND INTELLIGENCE STUDIES PROGRAM IN THE NATION

1&ONLY

UNDERGRADUATE SPACE PHYSICS PROGRAM IN THE COUNTRY

1ST

COMMERCIAL SPACE OPERATIONS PROGRAM DEVELOPED FOR THE FUTURE OF SPACE EXPLORATION

ADDITIONAL DISTINCTIONS

- Embry-Riddle is the only fully accredited, aviation-oriented university in the world.
- We offer unique, distinct academic programs such as Global Security & Intelligence Studies, Commercial Space Operations, Unmanned Aircraft Systems Science, Cyber Intelligence & Security, and Human Factors Psychology.
- Our alumni receive a better ROI from their tuition investment than 96% of alumni from 1,248 other colleges in the U.S. (Source: 2013 *College Return on Investment Report* published by PayScale.com)
- We are the #1 ranked undergraduate aerospace engineering program among schools whose highest degree is a master's. (Source: *U.S. News & World Report*)
- Our College of Engineering is accredited by ABET, Inc.
- We are the largest supplier of Bachelor-degreed air traffic controllers to the FAA.
- We hold more than 80 conference season titles in multiple sports, and 9 teams were recently recognized as scholar teams (collective GPA above 3.0) by the NAIA.
- We are consistently ranked one of the top military-friendly schools in the country.

ONLINE VIDEO LIBRARY

Visit our online video library to see Embry-Riddle in action.

prescott.erau.edu/experience

daytonabeach.erau.edu/experience



ARIZONA



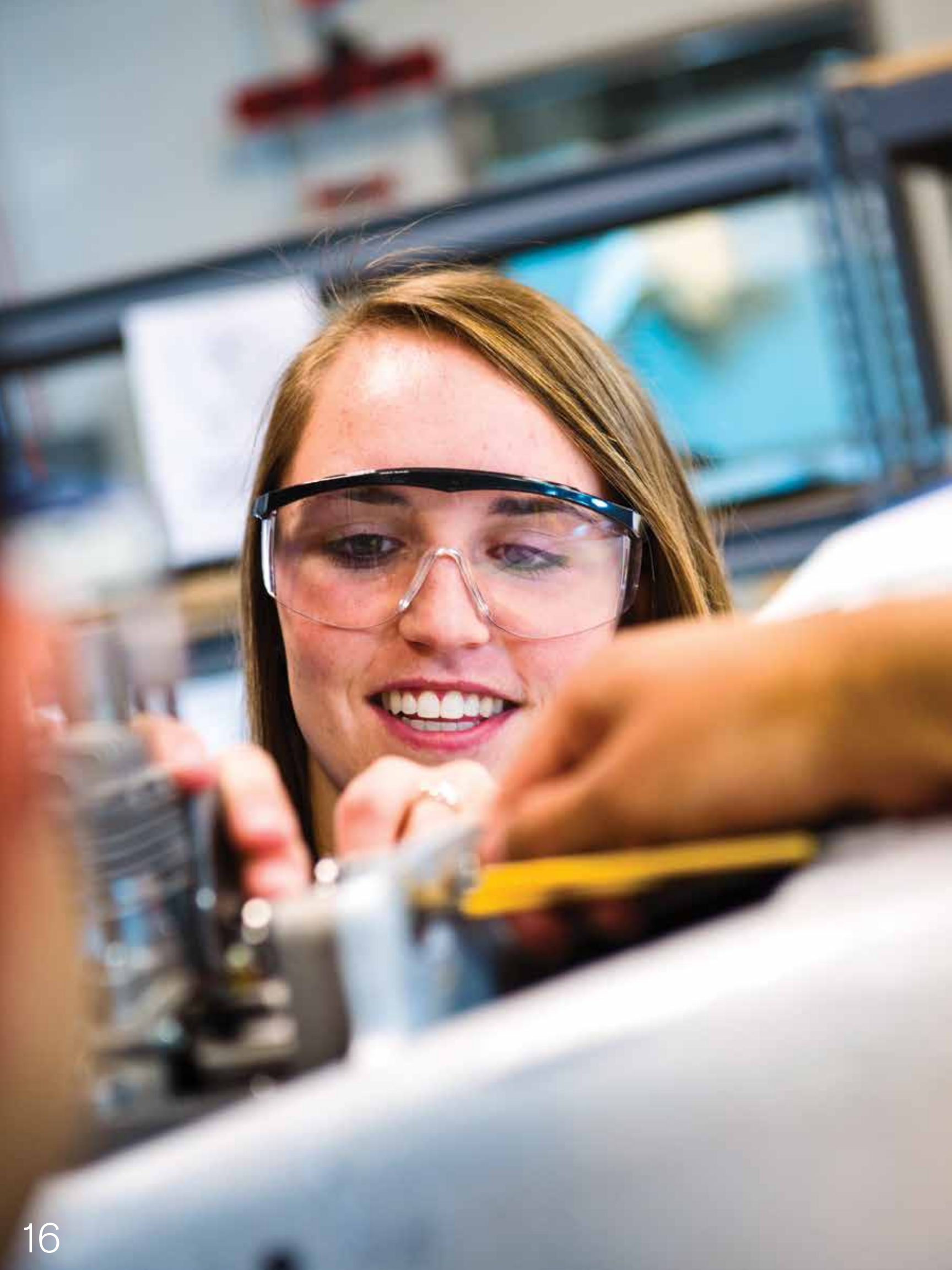
FLORIDA

Undergraduate Programs

PROGRAMS

	AZ	FL
Aeronautical Science	▲	▲
Aeronautics	▲	▲
Aerospace Engineering	▲	▲
Aerospace & Occupational Safety		▲
Air Traffic Management	▲	▲
Applied Meteorology	▲	▲
Astronomy		▲
Aviation Business Administration		▲ ▲
Aviation Environmental Science	▲	
Aviation Maintenance Science		▲
Business Administration		▲
Civil Engineering		▲
Commercial Space Operations		▲
Communication		▲
Computational Mathematics		▲
Computer Engineering	▲	▲
Computer Science		▲
Cyber Intelligence & Security	▲	▲*
Electrical Engineering	▲	▲
Engineering Physics		▲
Global Business		▲
Global Security & Intelligence Studies		▲
Homeland Security		▲
Human Factors Psychology		▲
Interdisciplinary Studies	▲	▲
Mechanical Engineering	▲	▲
Safety Science		▲
Software Engineering	▲	▲
Space Physics	▲	▲
Unmanned Aircraft Systems	▲*	▲

*minor program of study



*You expect results.
We deliver them.*

outcomes

91% of Embry-Riddle graduates pursue careers in their chosen fields or are in graduate school within one year of graduation. Employers in the aviation, aerospace, and security industries love our grads. They describe them (and we agree!) as knowledgeable, experienced, energetic, enthusiastic—and passionate.



JUST THE FACTS

\$6,105

HIGHER STARTING SALARY FOR RIDDLE GRADUATES VS. NATIONAL AVERAGE (SOURCE: FORBES)

\$10,975

HIGHER STARTING SALARY FOR RIDDLE FEMALE GRADUATES VS. NATIONAL AVERAGE (SOURCE: FORBES)

6

EMBRY-RIDDLE GRADUATES HAVE FLOWN IN SPACE IN THE ASTRONAUT CORPS

25%

OF ALL COMMERCIAL PILOTS HAVE STUDIED AT EMBRY-RIDDLE

100,000+

ERAU ALUMNI NETWORK

95.5%

HIGHER ROI ON RIDDLE TUITION COMPARED TO 1,248 OTHER U.S. COLLEGES



TOUCHDOWN

Jody Davis
Aerospace Engineering

Last August, as Curiosity hovered over the surface of Mars, it was Jody Davis who announced “Tango Delta Nominal”—aerospoken for “Touchdown”—in the war room at NASA’s Jet Propulsion Laboratory in California. A member of the entry, descent, and landing team for the Mars Science Laboratory/Curiosity rover, Jody has been involved in space mechanics projects at NASA since 2005.

HOW THE INDUSTRY/CAREER EXPO LED TO A JOB

Alyssa Smith
Air Traffic Management

Encouraged by an alumnus to visit Boeing’s booth at the Riddle career fair, Alyssa Smith learned of the company’s NextGen program and landed a summer internship as a Quality System Specialist. Two months later, her intern position became a full-time job. Now she is poised to advance into a management position.

“**You can’t teach passion and enthusiasm. Simply put, ERAU students have the passion and enthusiasm for what we do and the products we make...and that makes for a great performing employee.**

– BOEING RECRUITER

We recruit at Embry-Riddle because the students have the skill set and relevant experience needed to be competitive: familiarity with technical systems and programming languages, cultural awareness, critical thinking skills, and interest and knowledge of international affairs.

– CIA RECRUITER



Top Private Employers

OF EMBRY-RIDDLE GRADS

- ▶ The Boeing Company
- ▶ American Airlines, Inc.
- ▶ Lockheed Martin Corporation
- ▶ United Continental Corporation
- ▶ Delta Airlines
- ▶ US Airways, Inc.
- ▶ FedEx Corporation
- ▶ Southwest Airlines/AirTran Airways
- ▶ Northrop Grumman Corporation
- ▶ General Electric Company
- ▶ Raytheon Company
- ▶ United Parcel Service, Inc.
- ▶ Atlantic Southeast Airlines
- ▶ Pratt & Whitney
- ▶ NetJets, Inc.
- ▶ Sikorsky Aircraft Corporation
- ▶ Cessna Aircraft Company

Top Government Employers

OF EMBRY-RIDDLE GRADS

- ▶ U.S. Air Force
- ▶ U.S. Army
- ▶ Federal Aviation Administration (FAA)
- ▶ U.S. Navy
- ▶ NASA
- ▶ Central Intelligence Agency (CIA)
- ▶ Air National Guard
- ▶ U.S. Department of Defense
- ▶ U.S. Coast Guard
- ▶ Federal Bureau of Investigation (FBI)

ERAU AIR FORCE ROTC DETACHMENTS =
MORE OFFICER COMMISSIONS AND PILOT SLOTS THAN ANY OTHER SOURCE EXCEPT FOR
THE U.S. AIR FORCE ACADEMY

industry outlook



“Graduates of Embry-Riddle’s program will be among the cyber elite required by government agencies and corporations to protect critical infrastructure and shape the cyber policy of the future. We want students who are intrigued by this evolving new field and will use their skills for the good side.”

— JON HAASS
ASSOCIATE PROFESSOR,
CYBER INTELLIGENCE
AND SECURITY

I created my own aircraft sales and leasing company shortly before I graduated college. We now have 15 people working at the company, and sell aircraft throughout the U.S.

— JAMAIL LARKINS
BUSINESS ADMINISTRATION

COMPREHENSIVE CAREER SERVICES

We are connected—and that means we can connect you to your career. Our annual Industry/Career Expos are great opportunities for you to meet and network with representatives from more than 100 top private aviation and aerospace companies and government agencies. We also offer:

- ▶ On-campus information sessions and interviews with companies, throughout the year.
- ▶ Individual career advising.
- ▶ Mock interviews.
- ▶ Résumé editing services.
- ▶ Career-related workshops.
- ▶ Online résumé referral system.
- ▶ Library and website resources.



A STRONG NETWORK TO BUILD ON

With our specialty focus and vast alumni network in the professional arenas of aviation, aerospace and global security, students enjoy unparalleled professional networking opportunities. More than 100,000 Riddle alumni have contributed immeasurably to safety, efficiency, and profitability. Riddle-proud alumni mentor current students and help them make professional connections.

OUTLOOK FOR PILOTS

A huge pilot shortage is approaching as a result of the retirement of baby boomers, providing a bright spot on the horizon for every aspiring pilot.

- ▶ Pilot hiring is strong at the regional airlines.
- ▶ Helicopter jobs are growing in number for employers like the Drug Enforcement Administration, U.S. Customs and Border Protection, the oil industry, medevac units, and wildlife agencies.
- ▶ Corporate pilots will soon be in greater demand as more than 5,000 very light jets (VLJ) will come online for private corporations, air taxi services and individual business travelers by the year 2017.

COMPUTER & SOFTWARE ENGINEERING

Surveys by CNN, *Money* magazine, and the U.S. Department of Labor have ranked software and computer engineering among the fastest-growing and highest-paying careers in the nation, at least until the year 2020. The aerospace industry contributes to this boom, with aircraft and spacecraft that require one or more computers for every subsystem. That’s good news for Embry-Riddle graduates.

GLOBAL SECURITY & INTELLIGENCE

In the face of ongoing security threats the world over, government agencies, corporations, and even small businesses consider security a major concern—and are hiring accordingly. Career opportunities in the public and private sectors include corporate security officers, diplomatic security officers, foreign affairs officers, intelligence analysts, counterintelligence specialists, covert action operatives, international law enforcement officers, threat analysts, risk managers, and more.

FAST FACTS

\$79,340

MEDIAN SALARY FOR CIVIL ENGINEERS
(SOURCE: U.S. BUREAU OF LABOR STATISTICS)

\$84,540

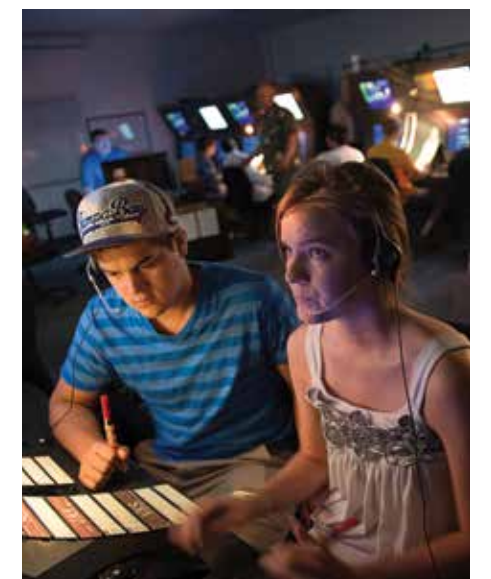
MEDIAN SALARY FOR ELECTRICAL ENGINEERS
(SOURCE: U.S. BUREAU OF LABOR STATISTICS)

\$98,810

MEDIAN SALARY FOR COMPUTER ENGINEERS
(SOURCE: U.S. BUREAU OF LABOR STATISTICS)

Embry-Riddle helped me understand the challenges the industry has faced over the years as well as the general volatility of the aviation industry. This is a good lesson for any kind of business in today’s economic environment.

— ZANE ROWE
AVIATION BUSINESS
ADMINISTRATION,
VP OF SALES, APPLE INC.,
FORMER EXECUTIVE VP
AND CFO OF UNITED
CONTINENTAL



internships & co-ops

TOP 7 COMPANIES HIRING INTERNS

- 1 American Airlines
- 2 Gulfstream Aerospace Corporation
- 3 NASA
- 4 Southwest Airlines
- 5 Boeing
- 6 Lockheed Martin
- 7 United Airlines

WHERE ARE THE INTERNSHIPS?

Interns have worked in 31 states and more than 12 countries. Top locations?

- ▶ California, Florida, Georgia, Texas, Washington
- ▶ Abroad: China, Germany, India, Saudi Arabia, Sweden

Propel your career! Our Cooperative Education/Internship Program bridges the gap between academic life and the working world. Not only does the experience help define your career goals, increase your self-confidence, and establish professional contacts, it can also turn into full-time employment. But the best news may be that, according to *Forbes*, Riddle grads with internship/co-op experience earn almost 10K higher starting salaries than the national average.



FAST FACTS

1=6

ONE SEMESTER FULL-TIME INTERNSHIP
CAN EQUAL UP TO 6 CREDITS

\$9,550

HIGHER STARTING SALARY FOR
RIDDLE GRADUATES WITH CO-OP OR
INTERNSHIP VS. NATIONAL AVERAGE



OUR PILOT PATHWAY TO JETBLUE

Embry-Riddle partnered with JetBlue and Cape Air to create a unique internship program that facilitates a career path to JetBlue. Students in the Gateway Program advance in five stages from internships to working as full-time flight instructors, to becoming Cape Air pilots, to training as a first officer for JetBlue.

HOMELAND SECURITY

We have connections with the state and federal government and all branches of the military. Our interns go to the FBI, Secret Service, the Department of Homeland Security, the TSA, The Port Authority of New York & New Jersey, many emergency operations centers, sheriffs' offices, and police departments.

COMPUTER ENGINEERING

At the end of sophomore year, all students are strongly encouraged to participate in a summer internship experience in order to gain real-world experience in industry. Unlike many fields, internships in electrical and computer engineering are often well-paid positions and typically include benefits such as housing and relocation allowances.

“The quality of the students that we see coming out of ERAU is very high, thus when we interview students from the school, we tend to have a higher success rate than we do with many other schools. In fact almost 25% of our pilots have attended ERAU.”

— BONNY SIMI
JET BLUE

I personally landed my internships (Northrop Grumman and Boeing) by attending career services events that hosted company recruiters in a classroom or venue on campus.

— AMY LUCKETTE
HUMAN FACTORS,
MASTERS OF HUMAN FACTORS

Where Our Students Intern

A SAMPLE OF COMPANIES

Aeronautical Science

- ▶ Express Jet
- ▶ Delta Airlines
- ▶ JetBlue
- ▶ Cape Air
- ▶ Lockheed Martin
- ▶ SkyWest
- ▶ PSA
- ▶ United Airlines

Aerospace Engineering

- ▶ Boeing
- ▶ Edwards AF Flight Test Center
- ▶ GE Aerospace
- ▶ Honeywell Aerospace
- ▶ NASA
- ▶ Northrop Grumman
- ▶ Pratt & Whitney
- ▶ Rolls-Royce
- ▶ Lockheed Martin

Applied Meteorology

- ▶ National Weather Service
- ▶ ABC/CBS/NBC/Fox affiliates around the country
- ▶ National Hurricane Center

Business Administration

- ▶ Boeing
- ▶ Rolls-Royce
- ▶ Delta Air Lines
- ▶ Southwest Airlines
- ▶ United Airlines

Computer Engineering & Electrical Engineering

- ▶ Space X
- ▶ Lockheed Martin
- ▶ GE
- ▶ Gulfstream
- ▶ Bob's Space Racers

continued on next page...

Where Our Students Intern
...continued from previous page

A SAMPLE OF COMPANIES

Engineering Physics

- ▶ Lufthansa Technik Systems
- ▶ Jet Propulsion Lab
- ▶ NASA
- ▶ United Launch Alliance

Global Security & Intelligence Studies

- ▶ Federal Bureau of Investigation
- ▶ Central Intelligence Agency
- ▶ National Security Agency
- ▶ Naval Criminal Investigative Service
- ▶ U.S. Department of Commerce
- ▶ U.S. Marshal Service
- ▶ U.S. Postal Inspection Service

Homeland Security

- ▶ Federal Emergency Management Agency (FEMA)
- ▶ Lawrence Livermore National Labs
- ▶ Drug Enforcement Administration
- ▶ U.S. State Department
- ▶ U.S. Secret Service
- ▶ Department of Homeland Security

Human Factors

- ▶ Naval Air Warfare Center
- ▶ Intel Corporation
- ▶ NASA Johnson Space Center
- ▶ Gulfstream Aerospace Corporation
- ▶ Honeywell

Mechanical Engineering

- ▶ Gulfstream
- ▶ Lockheed Martin
- ▶ Sikorsky Aircraft
- ▶ Jet Propulsion Laboratory
- ▶ Tesla Motors
- ▶ Honda
- ▶ NASA

Space Physics

- ▶ Fermilab
- ▶ National Science Foundation
- ▶ Los Alamos National Laboratory
- ▶ White Sands Training Facility



CENTER FOR DISEASE CONTROL AND PREVENTION (CDC)

*Amanda Recker
 Human Factors Psychology*

Amanda interned with the CDC and worked on BioSense 2.0—a syndromic surveillance system designed to track bioterrorism attacks, local outbreaks, and pandemics as they enter and disperse across the U.S.. The interface had been designed by epidemiologists with little experience with interface design. Amanda was assigned to the team tasked with reviewing the interface, identifying key problems, and developing solutions.

THE BOEING COMPANY

*Austin Davis
 Aviation Business Administration*

As a Boeing intern, Austin was charged with identifying problems in the maintenance, repair, and overhaul (MRO) segment of the Boeing 737 product, planning, and control group—and then fixing those problems. His business analysis determined that Boeing needed a new process flow for MRO to insure productivity and precision. And yes, Boeing is currently using Austin’s model.

NASA JOHNSON SPACE CENTER (JSC)

*Adam Naidis
 Engineering Physics*

Adam completed a multi-semester co-op with NASA in Houston. Over the course of four internships, he helped design a new generation of a system that simulates the microgravity environment in space. He also helped design a potable water dispenser and the side windows for the space exploration vehicle that will be used to drive across the Moon and Mars. Adam’s excellent work proved him indispensable to JSC, which offered him a full-time job.

“I worked at NASA Ames Research Center on wind tunnel testing for Black Hawk Helicopters. I also helped work on the design for a B22. I got to fly the world’s first vertical motion simulator—the simulator they use to help train astronauts how to fly the shuttle—and I got paid for all of it!”

— ASHLEY ROSS
 AEROSPACE ENGINEERING





You need access to world-class resources.
We have the best.

projects & competitions



We live and breathe projects—a natural extension of our hands-on approach to learning. Students work in continuous collaboration as they research, design, build, and test ideas for a new hybrid aircraft engine, or for a better wind turbine for energy production. Often they work as part of a team, whether it's performing aerodynamic experiments in wind tunnels or investigating the gender gap in the last Presidential election. Such hands-on, project- and team-based learning often leads to competitions where students push themselves to winning results.



LEARN BY DOING

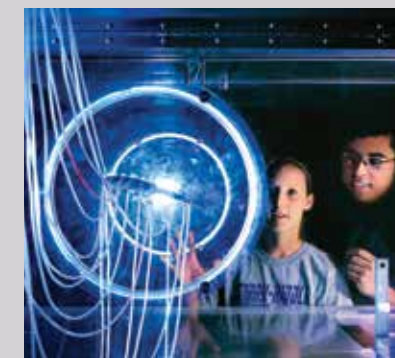
Undergraduates who do research discover it is one of the best ways to learn. As our research funding has continued to increase, it has allowed us to establish leading-edge research programs in Unmanned Systems, NextGen, Green Engineering, Commercial Space Transportation, and Safety Systems. Opportunities to work with faculty mentors on research projects are plentiful.

IGNITING STUDENT RESEARCH

Embry-Riddle recently launched IGNITE, a five-year campaign to encourage and financially support student interest in research. Students scrambled to link up with faculty research projects or start projects of their own. Today, funded projects range from the design of navigational methods for moon vehicles, to skydiving research off Mt. Everest, to the effect of bright lights on global warming.

“Working on my extracurricular projects has brought reality into my degree in a way that classes never could. Projects show you the nasty points of life, like failure and the fact that something can always be improved. Nothing is ever as perfect as the numbers would suggest. They have allowed me to see that I can always learn more and that there is always a solution.”

— TED SHARP
MECHANICAL ENGINEERING



IGNITE PROJECTS: A SAMPLING

- ▶ An Analysis of the Benefits of Applying Human Resource Management Functions to Homeland Security post 9/11 Attack
- ▶ Unmanned Aerial Vehicles for Agricultural Monitoring Research
- ▶ Increasing Usability of a Product and Team Productivity to Ensure Business Success
- ▶ Urban Wind Turbine Project
- ▶ The Effect of Global Dimming/Brightening upon Global Warming
- ▶ Gender Gap in the 2012 Election
- ▶ The Human Factor on Mars: Behavioral Research at a Simulated Mars Habitat
- ▶ Biologically Inspired Underwater Robot Design and Propulsion System
- ▶ Designing and Constructing an Unmanned Aerial System that Will Integrate an Autonomous Aerial Vehicle into the National Airspace System
- ▶ Modeling Urban Impacts on Regional Weather of the Central U.S.
- ▶ Cooperative Control of Ground and Aerial Robots for Tactical Missions
- ▶ Creating 3-Dimensional Maps Using UAS Imagery
- ▶ Concealment of Documents through Bit-Sum Steganography



competition results

NASA CHOOSES EMBRY-RIDDLE SATELLITE

NASA has selected 24 small satellites, including one designed by a student team, to fly as auxiliary payloads aboard rockets that will launch in 2014, 2015, and 2016. The winning design proposals came from universities, non-profit organizations, and NASA field centers, all focused on the low-cost development of 4-inch, cube-shaped satellites weighing less than 3 pounds. Embry-Riddle's EagleSat is intended to determine the error rates in commercial off-the-shelf electronics parts exposed to space radiation, use precise orbit timing to look at atmospheric drag effects, and integrate GPS technology into NASA's CubeSat platform.

“*Embry-Riddle is heavily into robotic competitions and robotics by definition is interdisciplinary. You need mechanical, you need software, you need smarts.*”

— PROFESSOR FARAHZAD BEHI
ASSOCIATE CHAIR, ELECTRICAL,
COMPUTER, SOFTWARE & SYSTEMS
ENGINEERING

I'm proud that Embry-Riddle fields more robotics teams in the Unmanned Vehicle competitions than any other university, and our teams are always among the top competitors.

— PROFESSOR CHARLES REINHOLTZ
MECHANICAL ENGINEERING



STUDENTS WIN EPA AWARD

Challenged by their professors for their senior design project, a team of mechanical and civil engineering students built a novel solar-powered water purification system that easily fits into a backpack to carry to disaster-stricken areas of the world. It was named one of 15 winners of the 2012 People, Prosperity and the Planet national competition, sponsored by the Environmental Protection Agency. Students received a \$90,000 grant to refine and patent the purifier, which converts stagnant water into safe drinking water in less than 30 minutes for up to 1,500 people per day with a solar charge that runs for 72 hours.

UAV HELPS ENDANGERED MARINE LIFE

In the Galapagos Marine Reserve, 600 miles off the coast of Ecuador, whales and sharks are being decimated by poachers. Conventional patrols have had little impact over the 51,000-square-mile area. A group of Riddle students and their professors developed a small, inexpensive UAV to patrol the Reserve, streaming video and GPS coordinates to authorities who can capture or drive away poachers. The aircraft, which has a 12-foot wingspan and weighs 55 pounds, was developed with Universidad San Francisco de Quito and will work in conjunction with Ecuador's Navy. Each costs less than \$10,000 to produce, with near-negligible fuel costs of around \$2,400 per year. Compare that to a Cessna 172 patrol plane that burns more than \$400,000 in fuel per year. A fleet of 10-20 of these UAVs could fully protect the entire Reserve 24/7.

JUST THE FACTS

9
NATIONAL CHAMPIONSHIPS—
GOLDEN EAGLES COMPETITION FLIGHT TEAM

\$12,600

PRIZE MONEY WON IN 2012 STUDENT UNMANNED AIR SYSTEMS COMPETITION

10,310'

ALTITUDE REACHED BY RIDDLE STUDENT TEAM WHO WON INTERCOLLEGIATE ROCKET ENGINEERING COMPETITION TWO YEARS IN A ROW

1ST

PRIZE—AT NATIONAL SCIENCE FOUNDATION CONTEST BY RIDDLE STUDENT FOR STUDY OF HUGE MAGNETIC HURRICANES IN SPACE

\$70,000+

ANNUALLY AWARDED THROUGH IGNITE PROGRAM FOR STUDENT RESEARCH

ADDITIONAL FACTS

- ▶ Phi Beta Lambda Business Club has won the PBL Arizona Leadership Competition for seven years in a row.
- ▶ Three Embry-Riddle student teams took first, second, and third place in the Runway Safety/Runway Incursions Challenge of the FAA's Design Competition for Universities.
- ▶ Teams of mechanical and aerospace engineering students dominated NASA's Lunabotics Competition with their innovative moon-mining robots.
- ▶ Software and aerospace engineering students were named the top Florida team in the IEEEExtreme Programming Competition, sponsored by the Institute of Electrical and Electronics Engineers.



facilities & labs



FAST FACTS

Robotics Lab

15
WORK STATIONS

1ST

JUDGE'S INNOVATION DESIGN AWARD
NASA LUNABOTICS COMPETITION

Flight Training Equipment

94
INSTRUCTIONAL AIRCRAFT

82,500
FLIGHT HOURS LOGGED
BY STUDENTS EACH YEAR

Simulation Network

41
SIMULATORS

11

STATE-OF-THE-ART FLIGHT TRAINING DEVICES

26,000
HOURS LOGGED IN BY STUDENTS PER YEAR

We are hands-on, all the time. That's what it takes to create robots, racecars, and rockets! Day one, students are encouraged to touch, explore, design, and build. If you want to be a pilot, we get you in an aircraft the first week of class. If you're an engineer, you design the entire system for a rocket launch in your Intro to Engineering class. Or, if you're studying global security, you re-enact a war game between a terrorist group and a law enforcement team.

LEHMAN ENGINEERING & TECHNOLOGY CENTER

As one Freshman put it, "When you walk through Lehman, it's lab, lab, lab ... it's all labs!" Home to the computer disciplines and Aerospace, Electrical, and Civil Engineering, Lehman outfits everything from software engineering projects to non-linear wave research.

AEROSPACE EXPERIMENTATION & FABRICATION BUILDING (AXFAB)

Every engineer's dream, this 20,000 square foot facility houses design and testing labs used by Aerospace Engineering students for their courses and projects.

CLEAN ENERGY SYSTEMS LAB

Dedicated to renewable energy research projects. Recent projects include a water purification backpack for disaster relief and the military; biodiesel production from the school cafeteria; wind and water turbine research; and Project Haiti providing Haitians with clean drinking water.

NEXT GENERATION ADVANCED RESEARCH (NEAR) LAB

Multidisciplinary teams of faculty, research staff, and students conduct research on practical problems in aviation, such as safety, control, capacity, and efficiency in the national air space. The lab is developing a virtual-reality air traffic system that will allow students to fly a simulated unmanned aircraft.

GLOBAL SECURITY & INTELLIGENCE STUDIES EAGLE OPERATIONS CENTER

A lab for practicing foreign language proficiency and running scenarios that pit real-time global threats against security and intelligence skills and training. It can also be set up as a command center for exercises to test student skills in decision-making, planning, and emergency operations. The lab's advanced technology includes a command table and access to both domestic and foreign news feeds.



It's amazing the way the Eagle Operations Center is set up. It looks like something out of the movies. You wouldn't expect to see it on a typical college campus. There's a round table with all the TV monitors and a giant touch table.

— ETHAN HADDY
GLOBAL SECURITY AND
INTELLIGENCE STUDIES

labs, labs & labs



MORE ARIZONA FACILITIES & LABS

- ▶ **Aerial Robotics Lab:** Dedicated to robotics research in aerial, ground, and underwater vehicles. Student teams work with faculty to design, fabricate, control, and analyze different types of unmanned systems such as fixed wing, rotary wing, quadrotors, and ground robots.
- ▶ **Structural Dynamics Lab:** Students test satellites, rovers, or other space hardware to determine if designs can survive the launch environment. A two-axis electromagnetic shaker simulates the vibration environment of space launch.
- ▶ **Aerodynamics Light Fabrication:** Prototypes of spacecraft are fabricated in this lab.
- ▶ **Robertson Aviation Safety Center Accident Investigation Lab:** Actual parts from aviation incidents are shipped here to recreate the accident scene for students to study and assess. It is the only university-level lab of its kind in the country.
- ▶ **Tracey Doryland Wind Tunnel Lab:** Includes Aerodynamics Lab housing four wind tunnels; Propulsion Lab equipped with a micro-turbojet for studying advanced propulsion; and Thermal/Fluid Lab demonstrating liquid flow.
- ▶ **Hacker Lab:** This state-of-the-art cyber security facility allows students to practice offensive and defensive cyber-warfare.

- ▶ **Air Traffic Control Lab:** Equipped with the same technology as air traffic control towers at major airports, this lab allows for simulated air traffic scenarios.
- ▶ **Space Systems Lab:** Students use 3-D air-bearings to simulate control of spacecraft; use vacuum chambers to experience the space environment, and send and receive signals from space through ground-based communication systems.
- ▶ **Observatory Complex:** Equipped with 12" Schmidt-Cassegrain telescope, for research-quality brightness measurements of stars; 14" CCD Debris Telescope for tracking rapidly moving, near-Earth objects such as satellites and asteroids; the Radio Observatory's 4-meter radio dish to detect solar activity; and much more.

MORE FLORIDA FACILITIES & LABS

- ▶ **Astronomy Lab:** Students make astronomical/astrophysical observations using the 1-meter telescope—the largest university research telescope in Florida.
- ▶ **Atmospheric Physics Lab:** Students design and construct sounding rocket payloads and analyze data from rocket flights.
- ▶ **Air Traffic Control Simulation Lab:** Replicates radar air traffic control facility. Students use 30 ATC stations to direct on-screen aircraft "flown" by 30 "pseudo pilots," from computer stations outfitted with aircraft controls and voice communications.

- ▶ **Robotics and Autonomous Vehicle Lab:** Supports students designing and building robotics projects, including unmanned aerial vehicles (UAVs) capable of performing realistic autonomous missions.
- ▶ **Rapid Prototyping Equipment:** For rendering designs, you can't beat our 10 Fused Deposition Modeling 3-D printers for visualization, fit, and function.
- ▶ **Advanced Flight Simulation Center:** This state-of-the-art facility represents our commitment to using simulation as an integral component of flight training. Houses 14 Level 6 Flight Training Devices and 1 Level D Full Motion Simulator.
- ▶ **Technically Advanced Aircraft Performance Lab:** Allows students to "fly" a variety of aircraft in a computerized environment—from entry-level single-engine planes to the latest jet transport, while interacting with experienced instructors.
- ▶ **High-altitude Normobaric Lab:** Teaches aspiring pilots how to recognize the symptoms of oxygen loss at high altitudes.
- ▶ **High Performance Vehicle Lab:** Dedicated to the research and competitions of the SAE Hybrid Formula car team, which emphasizes efficiency; and the Mini-Baja team, which designs, builds, and drives off-road vehicles in national competitions.



faculty



75% of faculty members bring industry experience into their teaching careers, deepening the classroom experience by illustrating theory with real-life applications. Our professors go far beyond teaching. Their professional careers qualify them as inspirational mentors and practical coaches who guide you through complex assignments; help you to apply for internships and research grants; recommend you to a colleague in the field; and give you valuable job interview tips.

100% CLASSES TAUGHT BY FACULTY

21/23 AVERAGE CLASS SIZE ARIZONA/FLORIDA

492 FACULTY MEMBERS

198 FACULTY MEMBERS IN ACTIVE RESEARCH

+ **13** MILLION DOLLARS RESEARCH FUNDING

= **158** SPONSORED RESEARCH PROJECTS

OPEN DOOR POLICY FOR STUDENTS = **100%** OF FACULTY



“ **A majority of the professors were in industry in the first place. They built all the programs here. And they work hard to get us jobs.**

— MIGUEL DIAZ
AERONAUTICS

Brian Butka wanted to build a completely robotic jazz band. So his students built a robotic ukulele player, and a percussion tube player out of PVC. They're on a giant cart that rolls around playing songs.

— KEITH GARFIELD, PH.D.
ASSISTANT PROFESSOR OF ELECTRICAL, COMPUTER, SOFTWARE & SYSTEMS ENGINEERING

ERAU Faculty

WHERE THEY'VE BEEN & WHAT THEY'VE DONE

- ▶ CIA intelligence analyst and international security expert
- ▶ Specialist engineer with Boeing Commercial Aircraft and General Dynamics
- ▶ U.S. Air Force pilot for 21 years
- ▶ 28 years in the FBI, concentrating in counterterrorism
- ▶ Designed and implemented production and operations management programs for Exxon Mobil, Esso, Allied Chemical
- ▶ Extensive computer software industry experience with the DOD, FAA, and Treasury
- ▶ Worked at NASA-Ames Research Center, through the Navy/NASA joint Institute of Aeronautics
- ▶ 35 years experience in civilian and military air traffic management
- ▶ Worked at Sandia National Laboratories as civil engineer
- ▶ Business consultant and analyst with Moscow Airways
- ▶ U.S. Navy aircraft mechanic, maintenance instructor and an aircraft maintenance inspector
- ▶ More than 30 years in computer security and digital forensics
- ▶ Mechanical engineer with a number of companies including Honeywell and 3M
- ▶ Research scientist at Bulgarian Space Research Institute, NASA Goddard Space Flight Center, National Oceanic & Atmospheric Administration
- ▶ Extensive experience in commercial banking management, airline financial management, and jet fuel price risk management

ONE-TO-ONE FACULTY MENTORS

- ▶ Eric Perrell, Professor of Aerospace Engineering in Florida, enlisted Riddle student engineers to help a start-up company called 4Frontiers to design and build a suborbital science platform. The students designed a sounding rocket, Star Lab, which the company is testing.
- ▶ Our Arizona campus is designing and building compact unmanned aerial vehicles (UAV) that can be hand-launched to help in search and rescue, fires, and storm spotting. Working closely with Associate Professor of Aeronautical Science Ray Bedard, two students, experienced in piloting UAVs in the military, built an operational model that sends video images back to its pilot on the ground.



You want an experience that fits your style.
We have options.



arizona campus

We are a mile high in the Bradshaw Mountains of central Arizona where flying conditions are pristine and the land's natural beauty is spectacular. There's peacefulness here. But just listen and you'll hear the buzz of remote-controlled planes students are flying at RSP Field; or the roar of a new turbine engine prototype that students are testing in one of our massive wind tunnels.

JUST THE FACTS

1,800

UNDERGRADUATE STUDENTS

50

GRADUATE STUDENTS

21

AVERAGE CLASS SIZE

ADDITIONAL FACTS

- ▶ 25 countries and all 50 states represented in student body.
- ▶ Distinct academic majors offered on the Arizona campus include Aeronautical Science—Rotary Wing, Astronomy, Aviation Environmental Science, Cyber Intelligence & Security, Global Business, Global Security & Intelligence Studies.
- ▶ Summer Study Abroad programs offered in Amman, Jordan; Ireland; Locarno, Switzerland; Munich, Germany; Mussoorie, India; Singapore; and more.
- ▶ Honors Program offered to highly motivated students in all academic disciplines.
- ▶ ROTC units: Air Force and Army.

KNOWN FOR OUTDOOR ADVENTURE

Prescott, once the wild-west capital of the Arizona Territory, is these days a destination of choice for serious mountain bikers, rock climbers, and kayakers. Hundreds of miles of trails, six lakes, rivers, and rock-face call you away from your studies—or give you another way to fly over planet Earth. But if you need a big city fix, drive less than two hours into Phoenix for the day, or less than four hours to Las Vegas for the weekend.

FAVORITE DOWNTIME ACTIVITIES

- ▶ Driving to Las Vegas for a rock concert.
- ▶ Flying to Sedona for dinner.
- ▶ Spending the day hiking in the Grand Canyon.
- ▶ Skiing or snowboarding at nearby Snowbowl.
- ▶ Rafting on the Verde River.
- ▶ Flying to LA for the weekend.



“When I wake up every morning I say ‘Ahhh ... I see the snow-capped mountains.’ There’s hardly ever a bad day for picturing the mountains; even on windy or cloudy days there’s still something to see.”

— SHELBY KING
AERONAUTICAL SCIENCE



campus life



9 VARSITY SPORTS

- | Women's | Men's |
|-----------------------|-----------------|
| ▶ Cross Country | ▶ Cross Country |
| ▶ Golf | ▶ Golf |
| ▶ Soccer | ▶ Soccer |
| ▶ Fast-pitch Softball | ▶ Wrestling |
| ▶ Volleyball | |

40+ CLUB, INTRAMURAL & RECREATIONAL SPORTS

- | | |
|----------------|--------------------|
| ▶ Baseball | ▶ Rugby |
| ▶ Basketball | ▶ Snowboarding |
| ▶ Bowling | ▶ Soccer |
| ▶ Cycling | ▶ Softball |
| ▶ Fencing | ▶ Tae Kwon Do |
| ▶ Flash Ball | ▶ Tennis |
| ▶ Golf | ▶ Ultimate Frisbee |
| ▶ Ice Hockey | ▶ Volleyball |
| ▶ Floor Hockey | ▶ and many others |
| ▶ Lacrosse | |
| ▶ Racquetball | |



OUR EAGLE TEAMS SOAR

The Eagles compete in the National Association of Intercollegiate Athletics (NAIA), Division II, CalPac Conference. Our campus athletic teams have scored consistent athletic excellence, including recent conference championships in men's golf, men's soccer, and women's soccer. All athletes and students enjoy excellent facilities. These include: two gyms, a fitness center with new cardio facility, outdoor swimming pool, racquetball and tennis courts, basketball courts, sand volleyball courts, upper and lower recreation fields, and a varsity soccer field and track.

FAVORITE CAMPUS EVENTS

We have many fun and entertaining campus traditions:

- ▶ **Airshows and Races.** *Wings Out West* Airshow and the *Women's Air Race Classic* are guaranteed to thrill you.
- ▶ **Campus BBQ.** Southwestern food and fun.
- ▶ **Hawaii Club Luau.** Island food, leis, and don't forget to do the hula.
- ▶ **Campus Bonfire.** No, we don't light it with jet fuel!
- ▶ **OctoberWest.** Our alumni weekend with dancing and events for undergrads as well.
- ▶ **Casino Night.** Games, competition, and prizes!

MOUNTAIN RESIDENCE HALLS

The residence halls are a great way to make close and lasting friendships. All first-year students live on campus in Mingus Mountain Halls, aptly named for their terrific views of the Bradshaw Mountains. They offer rooms and suites with kitchenettes wired for high-speed Internet and cable TV. They also include social lounges, study rooms, and other common areas. The Department of Student Life offers hundreds of programs to support your social, residential, and academic life—and personal growth!

FOOD!

We've got your food needs covered 17 hours a day—from 7 a.m. to midnight:

- ▶ **Starbucks.** Start your day with pastry and coffee—they make a killer Caramel Macchiato!
- ▶ **Earhart's Dining.** Lots of lunch and dinner possibilities—ethnic cuisine, grilled entrées, pizza, pasta, a deli, and a salad bar. And they offer vegetarian, vegan, gluten-free, soy, and low-fat options.
- ▶ **WOW.** For a quick bite, stop by this café that serves great fried chicken tenders and hamburgers, as well as lighter fare like wraps and salads.
- ▶ **Study Snacks?** Try Simply To Go for ice cream or protein bars. Or the library's Scholars Café for cookies, brownies, and coffee to fuel your study engine!
- ▶ **Touch and Go @ Flightline.** Great for burgers and sandwiches.



ROTC

Our Arizona campus fields Reserve Officer Training Corps (ROTC) programs for the Army and Air Force. The four-year college elective program trains cadets in both branches, who study in state-of-the-art classrooms and labs. A full one-quarter of engineering students are in an ROTC program. Our Air Force Detachment 028 is consistently named "Best in the West."

“*I want to be in the military, and I came here because of ROTC and soccer and the Global Security and Intelligence degree.*”

— BRENNA QUINN
GLOBAL SECURITY AND
INTELLIGENCE STUDIES

My group of friends? Their entire dorm lounge was filled with remote-controlled aircraft. They would build them, fly them, and if one didn't work, they would find parts and do anything to make it happen.

— BROOKE MAGALEI
AERONAUTICAL SCIENCE

JUST THE FACTS

47%
OF STUDENTS LIVE ON CAMPUS

1,700
STUDENT LIFE PROGRAMS

300+
DAYS OF SUNSHINE PER YEAR

90+
CLUBS, ORGANIZATIONS, NATIONAL FRATERNITIES AND SORORITIES, INTRAMURAL TEAMS, AND CLUB SPORTS TEAMS

<5
MILES TO PRESCOTT'S HISTORIC OLD WEST DOWNTOWN



CLUB ON!

A selection of our 90+ student clubs:

- ▶ Riddle Radio
- ▶ Weather Club
- ▶ Rock Climbing Mountaineers
- ▶ Poker Club
- ▶ Human vs. Zombies Club
- ▶ Eagle Scouts
- ▶ Zumba Club
- ▶ Skydiving Club
- ▶ Ski and Snowboarding Club
- ▶ Eagle Robotics
- ▶ Society of Women Engineers
- ▶ Golden Eagle Archers
- ▶ Bowling League
- ▶ Eagle Tae Kwon Do Club
- ▶ Assembly of Ballroom Dancers
- ▶ Japanese Animation/Manga Club
- ▶ Student Veterans Organization
- ▶ Hawaii Club
- ▶ Longboard Club
- ▶ Hang Gliding Club
- ▶ Extreme Rocketry Club
- ▶ Aerial Aerobatics Club
- ▶ + 7 national fraternities and sororities



florida campus

We are ocean and air. We pair a sunny beach environment and a community love affair with things that go fast. You can see the world-famous Daytona International Speedway from just about anywhere on campus. Our Florida campus is the only university in the country located directly adjacent to an international airport. And we're just a short car ride away from watching a launch from Kennedy Space Center.

JUST THE FACTS

4,600

UNDERGRADUATE STUDENTS

520

GRADUATE STUDENTS

23

AVERAGE CLASS SIZE

ADDITIONAL FACTS

- ▶ 98 countries and all 50 states represented in student body.
- ▶ Distinct academic majors offered on the Florida campus include Aviation Maintenance Science, Civil Engineering, Commercial Space Operations, Communication, Computational Mathematics, Computer Science, Engineering Physics, Homeland Security, and Human Factors Psychology.
- ▶ Summer, semester, or year-long Study Abroad programs offered in China, France, Germany, Italy, Turkey, Singapore, South Korea, Japan, the Czech Republic, United Kingdom, Spain, and more.
- ▶ Honors Program offered to highly motivated students in all academic disciplines.
- ▶ ROTC units: Air Force, Army, and Navy (includes Marines).

SOAK UP SOME SUN. IT SHINES A LOT HERE.

Daytona Beach is located close to all kinds of surf, sand, and mainland fun. Volusia County parks have more than 50 miles of beaches and freshwater springs providing great access to surfing, snorkeling, horseback riding, SCUBA diving, fishing, boating camping, hiking, you name it! Only 60-90 minutes away by car: Disney World, Universal Studios, Sea World, the Kennedy Space Center, and professional basketball and football venues offer an abundance of fun and adventure.

FAVORITE DOWNTIME ACTIVITIES

- ▶ Driving on the beach, hanging out on the beach, anything on the beach.
- ▶ Surfing.
- ▶ Flying to St. Augustine for a burger.
- ▶ Spending the day at Disney World.
- ▶ Great airshows like Wings & Waves and Sun 'n Fun.
- ▶ Sunset dinner at the Crab Shack on the pier.
- ▶ Beach volleyball and music at the Ocean Deck.

I joined the Avion Newspaper, and a group of us got to sit in the NASA causeway and watch the launch of the Atlas Five. I saw the rocket go up in the sky and I was like: that was so awesome!

— ELIZABETH WORSHAM
MECHANICAL ENGINEERING



EXPLORE

campus life



15 VARSITY SPORTS

Women's

- ▶ Basketball
- ▶ Cross Country
- ▶ Golf
- ▶ Soccer
- ▶ Softball
- ▶ Tennis
- ▶ Track & Field
- ▶ Volleyball

Men's

- ▶ Baseball
- ▶ Basketball
- ▶ Cross Country
- ▶ Golf
- ▶ Soccer
- ▶ Tennis
- ▶ Track & Field

Coed

- ▶ Cheerleading

50+ CLUB, INTRAMURAL & RECREATIONAL SPORTS

- ▶ Basketball
- ▶ Crew
- ▶ Dance Squad
- ▶ Flag Football
- ▶ Golf
- ▶ Ice Hockey
- ▶ Lacrosse
- ▶ Racquetball
- ▶ Rugby
- ▶ Sailing
- ▶ Seven-on-seven Soccer
- ▶ Skydiving
- ▶ Softball
- ▶ Surfing
- ▶ Swimming
- ▶ Table Tennis
- ▶ Tennis
- ▶ Ultimate Frisbee
- ▶ Volleyball
- ▶ and many others



EAGLES ARE FIERCE COMPETITORS

The Eagles compete in the National Association of Intercollegiate Athletics (NAIA), Division II, Sun Conference. Our campus athletic teams have—in the past 25 years—scored consistent athletic excellence, with two teams having earned national championship and 16 individual national titles. Our excellent facilities include a multi-purpose gym with three basketball courts, three volleyball courts, three badminton courts, and a fitness center. We also have a second fitness center, swimming pool, and lighted-lane running track; plus, indoor racquetball courts, tennis courts, baseball and soccer stadiums, and multiple lighted fields for soccer, softball, lacrosse, and more.

MINDBENDING EVENTS!

Let your mind soar—or just plain laugh a lot—at the many speakers and performers who inspire, provoke, and entertain us throughout the school year. It could be *Wired* contributing editor David Wolman and author of a provocative new book “The End of Money” arguing for the monetary revolution. Or stage and television actor Steve Carroll in a one-man show depicting Charles Lindbergh. Other recent events include:

- ▶ American Shakespeare Center’s comedy Twelfth Night.
- ▶ Riddle’s annual talent show.
- ▶ Space physicist Dr. Lewis Duncan envisions a hybrid biological and cyborg trans-human evolutionary future.



- ▶ Legendary folk musician John McCutcheon in performance.
- ▶ A super-Riddlesque annual gravitation lecture: 2013’s was “The Very Early Universe, Origin of Space, Time, and Cosmic Structure.”

EAST COAST RESIDENCE HALLS

All first-year students live on campus—along with a lot of sophomores, juniors, and seniors. The residence halls are a great way to make good and lasting friendships. In the words of one Class of 2016 student, “Without a doubt, dorm life is my favorite thing about being in college.” Each of our four Freshman halls offers rooms and suites wired for high-speed Internet and cable TV, plus social lounges, study rooms, and other common areas. The Resident Student Association plans trips to local sporting events, fun spots—and organizes cookouts.

EAT!

- We keep you going 18 hours a day—from 7 a.m. to 1 a.m.
- ▶ **Starbucks.** Start your day with pastry and coffee in the library; or grab a bialy at Einstein’s Bagels in the Student Village.
 - ▶ **Student Center Food Court.** For lunch or dinner, you can find all kinds of grilled, baked, and fresh food options—including low-fat, vegetarian, vegan, and kosher.



- ▶ **All You Can Eat Buffet.** In Student Village with more great dinner options.
- ▶ **Propeller’s Café.** Chill out with your friends watching airplanes come and go from Daytona International runways—while enjoying the best burgers on campus.
- ▶ **Chick Fil-A.** When nothing else will satisfy the need for tender, savory and satisfying.
- ▶ **Touch and Go.** At the Flight Line for a bite before a flight.

ROTC

Reserve Officer Training Corps (ROTC) trains students to become Air Force, Army, Navy, and Marine Corps officers. Cadets in all branches study in state-of-the-art classrooms and labs, with a 24/7 computer lab reserved exclusively for them. Our Daytona Beach Air Force detachment produces more commissioned officers and pilots than any institution except the Air Force Academy. Every student has the option to participate in the ROTC.



JUST THE FACTS

13

CONSECUTIVE YEARS BEST OVERALL ATHLETIC PROGRAM—SUN CONFERENCE COMMISSIONER’S CUP

36%

OF STUDENTS LIVE ON CAMPUS

16

INTERNATIONAL FRATERNITIES AND SORORITIES INVOLVE 11% OF OUR STUDENTS

300+

AVERAGE NUMBER OF FLYING DAYS PER YEAR

150+

CLUBS, ORGANIZATIONS, NATIONAL FRATERNITIES AND SORORITIES, INTRAMURAL TEAMS, AND CLUB SPORTS TEAMS

<4

MILES TO THE BEACH

THE CLUB SCENE

Selection of our 150+ student clubs:

- ▶ Mars Society
- ▶ Pep Band
- ▶ Latin & Hispanic Student Association
- ▶ American Association of Airport Executives
- ▶ Society of Women Engineers
- ▶ Skydiving Club
- ▶ Cycling Club
- ▶ Eagles FM-WIKD 102.5
- ▶ Catholic Student Union
- ▶ Pianists Club
- ▶ Broken Arrow Scenario and Paintball Team
- ▶ Women in Aviation
- ▶ Drum Corps
- ▶ Car Enthusiasts Clubs
- ▶ First Generation Students
- ▶ Surfing Club
- ▶ Propulsion Labs Club
- ▶ Microgravity Club
- ▶ Inventors Club

next steps



Transfer Students

We transfer as many credits as possible, but classes will be transferred only if they are deemed equivalent classes required for graduation.

- ▶ The admissions process is the same as outlined to the left. However, if you have more than 30 credits, you are not required to take the ACT or SAT or submit high school transcripts.

SCHOLARSHIPS & FINANCIAL AID

96% of students receive some form of financial aid in the form of scholarships, grants, and loans.

Financial Aid

Financial Aid is available from federal, state, and University sources.

- ▶ University funds are granted on merit and may be granted for need.
- ▶ Federal aid programs are available for U.S. citizens or permanent residents.
- ▶ State aid programs are offered by Florida and other states that give their residents college assistance.
- ▶ U.S. Department of Veterans Affairs is a source of funding for eligible students.

How to Apply

Applying online is advised because your results are processed more quickly, and there are checks to ensure your information is submitted correctly.

- ▶ First fill out the Free Application for Federal Student Aid (FAFSA)—available January 1 of the year you intend to start college.
- ▶ Embry-Riddle's federal school code is 001479.

Scholarships

Almost 800 students university-wide are awarded nearly \$3.4 million in additional donor scholarships.

- ▶ Scholarships are given to students based on their abilities both inside and outside the classroom.
- ▶ Scholarships do not have to be repaid.
- ▶ Each student who applies for admission is automatically considered for scholarships.
- ▶ Some scholarships are need-based and require a FAFSA.

International Students

The admissions process is the same as outlined to the left, except for these additional requirements:

- ▶ SAT test scores are not required but are HIGHLY recommended, and are required for scholarship consideration.
- ▶ Copies of transcripts must be official.
- ▶ If English is not your primary language, you must take the Test of English as a Foreign Language (TOEFL) and score a 79 or higher on the Internet-based exam, or at least a 6 on the International English Language Testing System (IELTS). Students not meeting the TOEFL or IELTS minimum scores can fulfill this requirement by studying English at the Embry-Riddle Language Institute on the Florida campus or by completing Level 112 at an ELS Language Center. For students applying to the Arizona campus there is an additional option: completing Level 6 at ACE Language Institutes.
- ▶ Proof of funding is required for the first year of study.

HOW TO APPLY

We recommend that first-year residential campus students apply for admission no later than the fall of their senior year of high school.

Steps and Checklist

We evaluate applications on a rolling basis. Once all documents have been received, we will notify you of your admission status.

- Submit your application online.
- Send official high school transcript or GED scores.
- Send ACT and/or SAT scores.
- Submit \$50 nonrefundable application fee.
- Submit two letters of recommendation.
- Write an admission essay and send your résumé (both optional).
- Monitor your application status and documents online, and access your Embry-Riddle email account.
- Schedule a visit.

COME VISIT!

You've got to visit to truly appreciate our one-of-a-kind academic programs; our high-energy, project-oriented students, and our gorgeous campuses.

Campus Visit Agenda

Each visit lasts about three hours and includes:

- ▶ Tour of campus.
- ▶ Tour of flight line.
- ▶ Meeting with an admissions counselor.

Campus Visit Options

You can also request other appointments, subject to availability, when you arrive on campus.

- ▶ Meetings with a professor, a financial aid counselor, athletics staff.
- ▶ Visit with an ROTC representative.
- ▶ Sit in on a class.
- ▶ Go on an observer flight.

Fall Open House Events

You can also visit campus during our fall Open House dates for a more in-depth look at Riddle, including:

- ▶ Q&A with faculty and students.
- ▶ Sessions on academic programs, student life, ROTC, and financial aid.
- ▶ Student life opportunities.

Best Time to Visit

During the academic year when you can interact with students and faculty, and check out classes, labs, food options, and dorms.

- ▶ Monday through Friday at 9 am and 1 pm.
- ▶ Select Saturdays throughout the year at 10 am.
- ▶ Summer tours: Monday through Thursday at 9 am and 1 pm; select Saturdays at 10 am.

CONTACT US TO SCHEDULE YOUR VISIT

Arizona Campus, Prescott

- ▶ prescott.erau.edu
- ▶ pradmit@erau.edu
- ▶ 928.777.6600 / 800.888.3728

Florida Campus, Daytona Beach

- ▶ daytonabeach.erau.edu
- ▶ dbadmit@erau.edu
- ▶ 386.226.6100 / 800.862.2416



▶ Prescott, Arizona



▶ Daytona Beach, Florida

EMBRY-RIDDLE
Aeronautical University™



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