

# ONE UNIVERSITY / THREE OPTIONS

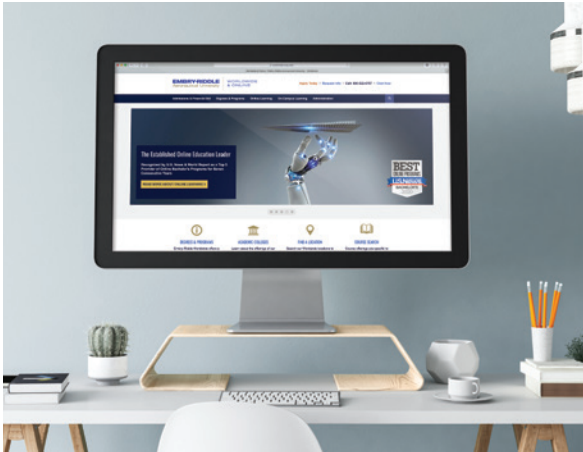
FLORIDA CAMPUS



ARIZONA CAMPUS



WORLDWIDE/ONLINE



| BACHELOR'S PROGRAMS ///                   |    |    |    |
|---|----|----|----|
|   | FL | AZ | WO |
| Aeronautical Science — Fixed Wing         | ▲  | ▲  |    |
| Aeronautical Science — Rotary             |    | ▲  |    |
| Aeronautics                               | ▲  | ▲  | ▲  |
| Aerospace Engineering                     | ▲  | ▲  |    |
| Aerospace Physiology                      | ▲  |    |    |
| Aerospace and Occupational Safety         | ▲  |    |    |
| Air Traffic Management                    | ▲  | ▲  |    |
| Applied Biology                           |    | ▲  |    |
| Astronomy and Astrophysics                | ▲  | ▲  |    |
| Aviation Business Administration          | ▲  | ▲  | ▲  |
| Aviation Maintenance                      |    |    | ▲  |
| Aviation Maintenance Science              | ▲  |    |    |
| Business Administration                   | ▲  | ▲  |    |
| Business Analytics                        |    |    | ▲  |
| Civil Engineering                         | ▲  |    |    |
| Communication                             | ▲  | ▲  | ▲  |
| Computational Mathematics                 | ▲  |    |    |
| Computer Engineering                      | ▲  | ▲  |    |
| Computer Science                          | ▲  |    |    |
| Cyber Intelligence and Security           |    | ▲  |    |
| Data Science                              |    | ▲  |    |
| Electrical Engineering                    | ▲  | ▲  |    |
| Emergency Services                        |    |    | ▲  |
| Engineering                               |    |    | ▲  |
| Engineering Physics                       | ▲  |    |    |
| Engineering Technology                    |    |    | ▲  |
| Forensic Accounting and Fraud Examination | ▲  |    |    |
| Forensic Biology                          | ▲  |    |    |
| Forensic Psychology                       | ▲  |    |    |
| Global Business & Supply Chain Management | ▲  |    |    |
| Global Conflict Studies                   | ▲  |    |    |
| Global Security and Intelligence Studies  |    | ▲  |    |
| Homeland Security                         | ▲  | ▲  |    |
| Human Factors Psychology                  | ▲  | ▲  |    |
| Industrial / Organizational Psychology    |    | ▲  |    |
| Interdisciplinary Studies                 | ▲  | ▲  |    |
| Leadership                                |    |    | ▲  |
| Logistics and Supply Chain Management     |    |    | ▲  |
| Mechanical Engineering                    | ▲  | ▲  |    |
| Meteorology                               | ▲  | ▲  |    |
| Project Management                        |    |    | ▲  |
| Safety Management                         |    |    | ▲  |
| Simulation Science, Games and Animation   |    | ▲  |    |
| Software Engineering                      | ▲  | ▲  |    |
| Space Physics                             | ▲  | ▲  |    |
| Spaceflight Operations                    | ▲  |    |    |
| Technical Management                      |    |    | ▲  |
| Unmanned Aircraft Systems                 | ▲  | ▲  | ▲  |

Embry-Riddle Aeronautical University offers a comprehensive collection of academic programs focused on aerospace, aviation, business, engineering, security and intelligence.

Our two residential campuses let you choose between a gorgeous mountain community or a spectacular beach setting and our Worldwide/Online programs provide ultimate flexibility and convenience to study anywhere.

FLORIDA CAMPUS ///

6,000  
UNDERGRADUATES  
► 50 states / 107 countries represented  
► 16% International students  
27  
AVERAGE  
CLASS SIZE

ARIZONA CAMPUS ///

3,000  
UNDERGRADUATES  
► 49 states / 45 countries represented  
► 7% International students  
24  
AVERAGE  
CLASS SIZE

WORLDWIDE/ONLINE ///

18,000+  
UNDERGRADUATES  
► 50 states / 95 countries represented  
► Locations in 9 countries  
20  
AVERAGE  
CLASS SIZE

ACADEMIC AVERAGES ///

UNDERGRADUATE STUDENTS ACCEPTED TO RESIDENTIAL CAMPUS PROGRAMS

3.82  
HIGH SCHOOL  
GPA

1,251  
NEW SAT  
TEST SCORE

26  
ACT TEST  
SCORE

SETTING THE STANDARD ///

TOP 5  
ONLINE BACHELOR'S  
PROGRAMS RANKED IN THE  
TOP 5 FOR THE PAST 7 YEARS  
U.S. NEWS & WORLD REPORT

#1  
IN AEROSPACE ENGINEERING  
IN THE NATION  
U.S. NEWS & WORLD REPORT

1ST  
AND ONLY AEROSPACE  
PHYSIOLOGY BS PROGRAM  
IN THE NATION

1ST  
COLLEGE OF SECURITY AND  
INTELLIGENCE IN THE NATION

# ACADEMIC INFORMATION



## Academic Distinctions

Our programs offer small, hands-on classes and a highly focused learning environment.

- ▶ Embry-Riddle offered the first College of Security and Intelligence in the nation.
- ▶ Unmanned Aircraft Systems, Space Physics, Global Security and Intelligence Studies, Aviation Security, Emergency Services, Cyber Intelligence and Security, Forensic Accounting and Fraud Examination, Aeronautical Science: Rotary Wing, Spaceflight Operations, and Human Factors Psychology are each one of only a handful of programs of their kind in the nation.
- ▶ Our undergraduate engineering programs are ranked among the top in the nation by *U.S. News & World Report* and *College Choice*.
- ▶ We are the FAA's largest supplier of Air Traffic Controllers with Bachelor of Science degrees.
- ▶ Students can choose the right setting to achieve academic and career goals from our nationally recognized options, including two collegial residential campuses or convenient online classrooms.
- ▶ Great access to faculty who mentor students and engage them in hands-on learning opportunities such as funded research projects and study abroad experiences.

## Dual Enrollment

- ▶ Embry-Riddle's renowned Dual Enrollment Program lets students earn college credit while still in high school as they also develop the advanced critical thinking skills needed for continuing academic success. The program is offered online or at many high schools, and features coursework that can be transferred to post-secondary schools, unequalled STEM learning opportunities, and potential tuition savings.

## Internships & Co-ops

Internship and career services professionals with industry specific specialties assist you in finding valuable educational experiences to add to your resume.

- ▶ Embry-Riddle students who participate in a co-op or internship increase their average starting salary by approximately \$9,500.
- ▶ We partner with JetBlue on the University Gateway Program, one of several specialized programs that offer our Aeronautical Science students a defined path to a career as a pilot. We've also partnered with Delta and SkyWest on innovative programs aimed at getting aviation students interviews for pilot positions. Both partnerships include pilot mentors.
- ▶ We are now part of the United Airlines Aviate program, which creates even more opportunities for flight students to become first officers at the global carrier.
- ▶ Global Security & Intelligence Studies and Homeland Security students intern at the FBI, CIA, DEA, Secret Service, Department of Homeland Security, U.S. Customs and Border Protection, The Port Authority of New York & New Jersey, emergency operations centers, sheriff offices, and police departments.
- ▶ Internships in electrical and computer engineering are well-paid positions and may include benefits such as housing and relocation allowances.
- ▶ Industry/Career Expos collectively bring 100+ companies and agencies to our campuses to interact with and recruit our residential and Worldwide/Online students.

## Study Abroad

We offer opportunities to study abroad for a semester or a year.

- ▶ Stay on-track with your studies and enhance your employability and global footprint by studying abroad for a summer, semester or year! Our faculty-led programs last anywhere from two to five weeks, allow you to earn college credits, and are half the price of regular tuition!
- ▶ A sample of the Summer, Spring and Winter Programs available.
  - Aviation in Greece, Spain, Germany, France and England
  - UAS operations in Southeastern Europe (Balkans)
  - Homeland security in Belfast, York, and London, UK; Israel and Berlin, Germany
  - Business in the UK, Spain, Italy, France and Greece
  - Various engineering offerings in Germany and Austria
  - Air traffic management, an international award-winning program that introduces you to four countries
  - Meteorology and physics in the Swiss Alps
  - German language, culture and engineering in Munich
  - International Asian Pacific finance in Singapore
  - Arabic and culture in Rabat, Morocco and Dubai, UAE

*Programs can change slightly each term in regards to location and courses offered.*

- ▶ Spend a semester or year at one of our partner universities in:
  - Hong Kong, Germany, Czech Republic, France, Ireland, UAE, England, Spain, New Zealand, Australia, Greece, Netherlands, Sweden and many more.
  - The possibilities for study abroad are global!

## Career Services

- ▶ The Career Services Office offers resume reviews, assistance with interviewing skills, setting up your LinkedIn profile and other career preparation activities.
- ▶ Need help finding a career-boosting co-op or internships placement? The professionals in Career Services can assist you.
- ▶ Attend one of the many Career Expo events on the residential campuses to meet with hundreds of potential employers.

## Projects & Competitions

We frequently compete in – and many times win – prestigious national and international competitions.

- ▶ Our Clean Energy Systems Lab students have won more than \$315,000 from the U.S. Environmental Protection Agency's People, Prosperity, Planet competitions.

The Clean Energy laboratory is where students tackle problems in sustainable water, sustainable buildings and sustainable transportation.

Our student design teams also:

- Develop solar-powered water desalination systems to provide fresh, clean water from seawater or contaminated sources.
- Monitor experiments in a net-zero building called the Adaptable Clean Energy (ACE) laboratory.
- Collect deep learning driving data to help reduce traffic.
- ▶ Our teams compete consistently in the women's Air Race Classic collegiate category and have recently earned overall first and second place finishes.
- ▶ Our Flight Teams have won the NIFA SAFECON national championship 13 times since 1992, have an unbroken 34-year record as regional champions, and have won three recent national championship titles.
- ▶ A team from our Robotics Association won all five static judging events and placed third overall in the global Maritime Robot X Challenge for creating an autonomous, 16-foot long boat called "Minion."
- ▶ Embry-Riddle Phi Beta Lambda (PBL) Business Club has won the PBL Arizona Leadership Competition for the past 13 years, this past year earning 46 total awards.
- ▶ Undergraduate students have received more than \$550,000 in direct support of their research over the past three years.

A sampling:

- Creating an autonomous robot to help remove micro plastics from the beach.
- Traveling to Chile's Coquimbo region to investigate the effects of geomagnetic activity during a total solar eclipse in terms of ionosphere scintillation.
- RASC-AL: The Martian Environmental and Geological Life Examination (MEAGLE) Team includes members from our Daytona Beach, Prescott, and Worldwide Campuses. They have submitted a proposal for the NASA 2020 RASC-AL Competition. Their focus is on a short surface stay Mars mission.
- CyberAero Competition: CyberAero is the first aviation-based cyber-security competition designed to introduce high school students to cybersecurity.
- Single-Stage Bismuth Fed Stationary Plasma Thruster: Development of electric propulsion system for small satellites.





## Facilities & Equipment

Check out just a few of our amazing labs.

### FLORIDA

- **Advanced Flight Simulation Center:**  
9 Level 6 Flight Training Devices (FTDs)  
2 Level 5 Flight Training Devices (FTDs)  
1 Level D Full Flight Simulator (FFS)  
6 Advanced Aviation Training Devices (AATDs)  
2 Cross-wind Landing Training Devices (TDs)
- **Robotics and Autonomous Vehicle Lab:** Supports students who are designing unmanned aerial vehicles (UAVs) capable of performing realistic autonomous missions.
- **Ritchey-Chrétien Reflecting Telescope:** The largest university-based research telescope in Florida, students use it to research nearby asteroids and comets, the age and evolution of stars, unusual compact objects such as pulsars, quasars, and magnetars, and much more.
- **Flight Training Equipment:** 63 Cessna 172s and 10 Diamond DA42s.
- **John Mica Aerospace & Engineering Innovation Complex (MicaPlex):** Features a high-performance computing facility and multidisciplinary research labs, such as the Robotics & Autonomous Systems Lab and the Advanced Dynamics and Control Lab, along with the Wind Tunnel Facility, a \$10 million state-of-the-art low-speed tunnel housed in a dedicated building. The MicaPlex brings students, faculty, and industry together, facilitating collaboration from early research to the marketplace.

“One of my biggest factors in deciding on Embry-Riddle was the recognition of the school in the industry.”

ZACH HINDS  
AEROSPACE ENGINEERING

### ARIZONA

- **Aerospace Experimentation and Fabrication Building (AXFAB):** Houses the design and testing labs used by Aerospace Engineering students, including labs devoted to Structural Dynamics, Materials Testing, Astrodynamics Light Fabrication, Space Systems and more.
- **Cyber Security “Hacker” Lab:** Complete with its own dedicated server, designed to allow students to practice computer security measures both offensively and defensively, including detection and investigation of computer security breaches and other digital crimes.
- **STEM Education Center:** Houses state-of-the-art labs, including Space, Robotics, and Advanced Computing and Simulation Labs; an Engineering Design Studio; and the Jim and Linda Lee Planetarium where students can immerse themselves in a display of real-time celestial phenomena sourced from our top rated astronomical observatory.
- **Flight Training Equipment:** 64 instructional aircraft including 32 Cessna 172s, 5 Diamond DA-VIs, a Cessna 182 Complex trainer, a fully acrobatic American Super Decathlon, 13 Robinson R22 and 12 Robinson R44 helicopters.
- **Tracey Doryland Wind Tunnel Laboratory:** 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.

### WORLDWIDE/ONLINE

- **State-of-the-art Simulation and Programming Tools:** Including C#, Matlab, LabVIEW and more. Hands-on engineering kits allow students to design, build, test and measure engineering signals.
- **Virtual Crash Lab:** Allows students to master aircraft accident investigation techniques anywhere, including examining an accident scene, gathering and documenting evidence, even interviewing survivors. Students submit data to satisfy specific investigation criteria, such as survival factors, human factors, aircraft structures, aircraft systems, operations, and maintenance.
- **Virtual Aerial Robotics Lab:** Allows students in engineering, aeronautics, or UAS courses to build their own UAS, simulate flights and then test and analyze the performance from anywhere in the world. Students can then redesign their UAS for optimal utilization.

# FUTURES ///

# 94%

of surveyed Embry-Riddle graduates are employed or are continuing education within one year of graduation.

One of America’s Best Value Colleges

Ranked by Forbes | 2019

**AVERAGE SALARIES ///**  
Reported one year after graduating with an Embry-Riddle Bachelor’s degree.

|  |  |
|--|--|
| <div>\$108,889</div> <div>AIR TRAFFIC<br/>MANAGEMENT</div> | <div>\$90,667</div> <div>SOFTWARE<br/>ENGINEERING</div>              |
| <div>\$78,499</div> <div>AVIATION<br/>MAINTENANCE</div>    | <div>\$76,854</div> <div>AERONAUTICS</div>                           |
| <div>\$75,238</div> <div>TECHNICAL<br/>MANAGEMENT</div>    | <div>\$67,727</div> <div>UNMANNED AIRCRAFT<br/>SYSTEMS SCIENCE</div> |



SEVEN EMBRY-RIDDLE GRADUATES WENT ON TO BECOME ASTRONAUTS



MORE THAN 137,000 EMBRY-RIDDLE ALUMNI AROUND THE GLOBE



OUR CAMPUSES ARE RANKED #1 IN THEIR RESPECTIVE STATES (FL/AZ) FOR HIGHEST EARNING POTENTIAL FOR BACHELOR’S DEGREE GRADUATES (SOURCE: Payscale)



OUR INDUSTRY/CAREER EXPOS ATTRACT MORE THAN 100 COMPANIES AND THOUSANDS OF STUDENTS

## DISTINGUISHED FACULTY /// EXPERTS IN THEIR FIELDS

When it comes to bringing industry experience into the classroom, Embry-Riddle faculty lead the way. A sampling of their jobs prior to teaching include:

- Research Scientist, NASA Ames Research Center
- FBI, concentrating in counterterrorism
- Business consultant and analyst with Moscow Airways
- Mechanical engineer with Honeywell and 3M
- U.S. Air Force Pilot/American Airlines Pilot
- Chief Technology Officer involved with Air Force, Army, Navy, NASA and Missile Defense Agency Labs
- Specialist Engineer, Boeing Commercial Aircraft and General Dynamics
- CIA Intelligence Analyst and International Security Expert



# DEGREES & PROGRAMS

## KEY

- FL** = offered on Florida Campus
- AZ** = offered on Arizona Campus
- ONLINE** = offered Online

## Arts & Sciences

### AEROSPACE PHYSIOLOGY **FL**

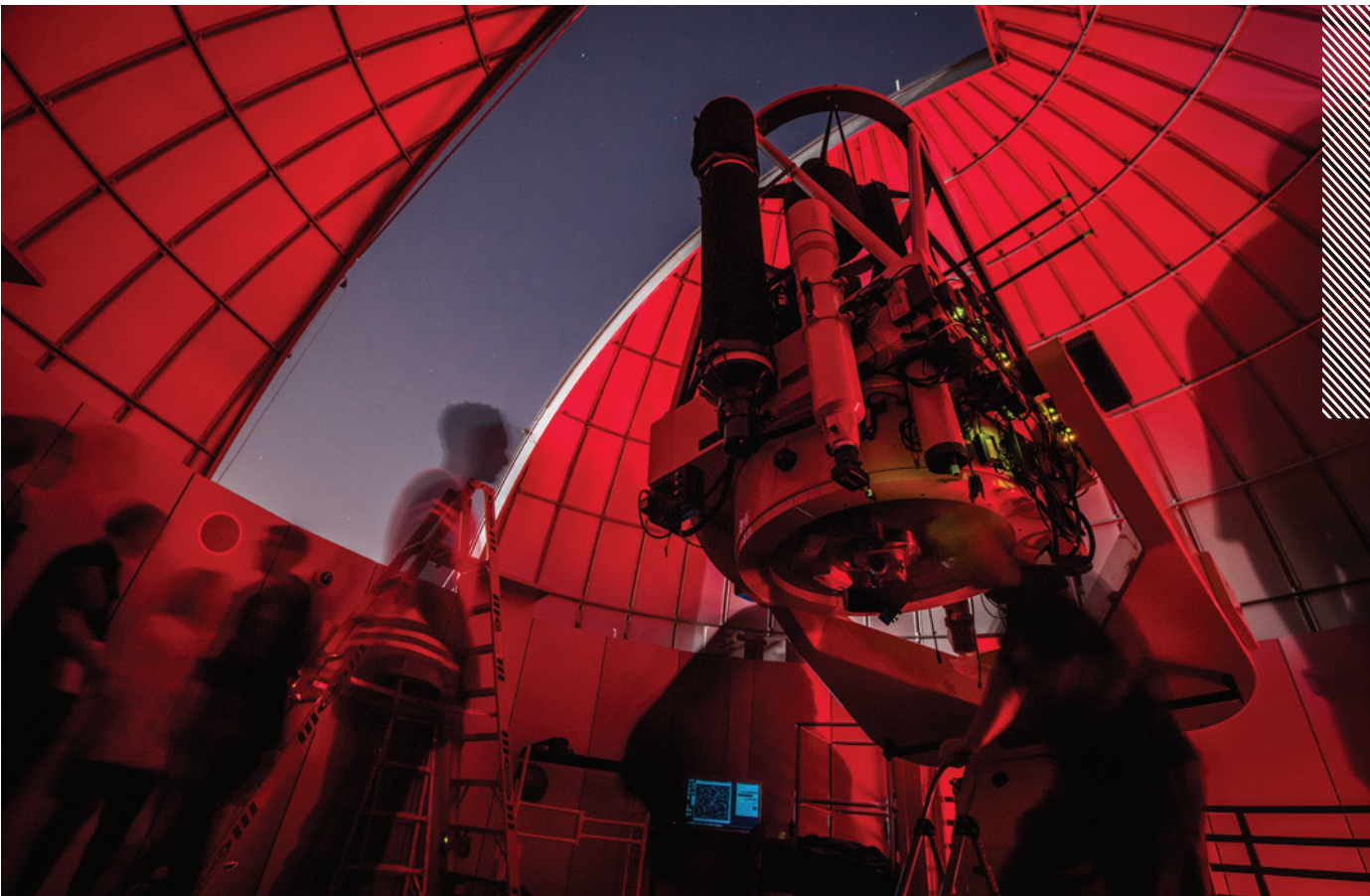
The only undergraduate degree of its kind in the nation, this program blends aerospace with life science and leverages Embry-Riddle's many strengths to take advantage of emerging opportunities in space and biomedicine. Students study how extreme environments influence biological systems, including such things as the impacts of microgravity and radiation. The extensive curriculum prepares them for a variety of opportunities, not only in the medical fields but also in research and development to support the aerospace industry's need for expertise in behavioral neuroscience, stress and fatigue, nutritional biochemistry, pharmacotherapeutics, health and human performance, genomic expression, and the human microbiome, among others.

► **Noteworthy:** *The program is the first undergraduate program of its kind in the nation.*

### APPLIED BIOLOGY **AZ**

This dynamic program, which features 20 hours of open electives, prepares you to pursue a wide range of options, from applying for astronaut training to health sciences, ecology, wildlife science along with a minor in unmanned aerial systems, human factors psychology, or forensic biology. Graduates will have the background and technical skills necessary to apply for admission to graduate/medical school or professional health sciences programs. The Prescott campus provides an ideal natural laboratory, with nearby ecosystems ranging from desert lowlands to alpine forests, and the 10-year job forecast for biologists shows more growth than any other occupation.

► **Noteworthy:** *In NASA's most recent class of astronauts, four of the 12 candidates had a background in biological sciences.*



### ASTRONOMY & ASTROPHYSICS **FL AZ**

You will use your mathematics and physics knowledge to study galactic, extragalactic, and cosmological scales that encompass exoplanets, stars and star clusters, galaxies, and quasars. You'll have access to resources such as the SARA consortium with connections to telescopes at Kitt Peak, Arizona, Cerro Tololo, Chile, and Roque de Los Muchachos, La Palma, Spain. Our faculty have connections to major resources like the Hubble Space Telescope and lead research programs supported by NASA and the National Science Foundation. If you follow up with graduate study, you could be an astronomer at a large research university, a national observatory, or a planetarium. Or head right to work in commercial and military satellite operations, or become an observatory technician or science journalist. The 2018 median annual wage for astronomers and astrophysicists was \$119,580, according to the U.S. Bureau of Labor Statistics.

► **Noteworthy:** *The Observatory Complex at the Arizona campus has ranked eighth in the nation among the Best College Astronomy Observatories by CollegeRank.net; the 1-meter telescope at the Florida campus is the largest university-based research telescope in the southeastern United States.*

### COMMUNICATION **FL ONLINE**

Aviation, aerospace, and business industries require more internal communications specialists, as well as professionals in media and public relations, to relay information clearly and accurately. This program requires you to practice gathering, analyzing, and disseminating scientific and technological information. Graduates are skilled in communicating science information to specific and general audiences through a variety of mass media. You'll be well positioned to work in new and/or converged media — generating blogs, real-time news, and audio and video reports for company-run websites, multipurpose online outlets such as Yahoo, Google or social media; or traditional media — such as newspapers, magazines, television and radio.

► **Noteworthy:** *Embry-Riddle students gain valuable experience pitching articles to the media and often see their name in print as freelance authors in national publications.*

### COMPUTATIONAL MATHEMATICS **FL**

The study and implementation of computational mathematics has revolutionized various research fields. You'll pursue a career path with a focus on modeling and simulation. Actuarial science, risk management, statistics, procurement, research, and engineering all employ computer modeling to visualize and simulate complex problems to anticipate future activity and advance organizational goals. Our program emphasizes applied mathematics, computing tools, and science applications to prepare you for success in this lucrative and growing field.

► **Noteworthy:** *The math department has one of the most technologically advanced wave tanks in the country, the Nonlinear Wave Lab.*

### DATA SCIENCE **AZ**

Large employers across all sectors are now recognizing the need for collecting, analyzing, and interpreting data in their operations. This has created demand for skilled data scientists in all areas. Graduates of this new degree program will learn the mathematical theory and computing techniques necessary to be successful practitioners in this new field. The program also emphasizes computer programming, data manipulation, and an elective domain specialization such as aviation, business, or engineering. Graduates will be fully prepared to enter careers as Data Scientists, Market Research Analysts, and Applied Statisticians, or to pursue advanced degrees.

► **Noteworthy:** *The Bureau of Labor Statistics projects 11.5 million Data Science jobs will be created between 2019-2026, much greater than the average for all occupations.*

### ENGINEERING PHYSICS **FL**

Embry-Riddle's ABET-accredited Engineering Physics program is one of the largest of its kind in the nation and is the only such program to have a strong emphasis on connecting space science with engineering. The university has a very active research program in space sciences and engineering that is federally and commercially funded. You will participate in hands-on field research as well as computational and modeling research. Our students have participated in sounding rocket launches from Alaska and New Mexico, trips to high altitude and latitude optical installations including Chile and Antarctica, space systems engineering and satellite design, control and dynamics of autonomous vehicles and many more such projects.

► **Noteworthy:** *Many of our graduates go on to work for aerospace industry employers like Lockheed Martin, Collins Aerospace, National Air and Space Intelligence Center (NASIC), and NASA. Others go to graduate programs in physics or engineering.*



## HUMAN FACTORS PSYCHOLOGY [FL](#) [AZ](#)

How do you make our increasingly technological world more human friendly? This is the complex question you'll explore when studying human beings both physiologically and behaviorally in classes such as Ergonomics and Bioengineering, Sensation and Perception, Human Factors in Space, and Human-Computer Interaction. The goal of Human Factors Psychology is to optimize the safety and performance of both human beings and the machines they use. Graduates move into careers in human computer interface design, research, ergonomics and aerospace life sciences.

► **Noteworthy:** *Many students begin their careers with companies for which they interned, including Microsoft, Toyota, NASA and The Boeing Company.*

## INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY [AZ](#)

How do businesses decide who to hire? How can you improve a corporate training program? What makes a workplace culture safe, fun, or productive? The answers to these questions and more are found in Industrial/Organizational Psychology — the science of understanding human behavior in the workplace. In I/O Psychology you take a science and practice approach that uses the latest research to enhance individual, team, and organizational performance. I/O Psychology prepares you for a career across industries in jobs such as personnel selection, training, people management, people analytics and much, much more.

► **Noteworthy:** *The Bureau of Labor Statistics identifies Industrial/Organizational Psychology as a top growth field, mainly because of the increasing demand to boost worker retention and productivity. Behavioral expertise also will be crucial in helping tomorrow's leaders to develop high performing organizations.*

## INTERDISCIPLINARY STUDIES [FL](#) [ONLINE](#)

Combining aviation and technology with liberal arts, this degree seeks to produce graduates with an entrepreneurial spirit who will cross boundaries, make creative connections, and become leaders in aviation and aerospace. You start with core courses in the humanities, history, international studies, philosophy, ethics and psychology; then customize your studies by choosing three minors — air traffic control, business administration, aviation safety, weather, computer applications, mathematics and space studies, to name a few.

► **Noteworthy:** *Recent graduates have become air traffic controllers, commercial pilots, and even CEOs; or have pursued graduate study in such fields as law, international relations, human factors and space operations.*



## SIMULATION SCIENCE, GAMES & ANIMATION [AZ](#)

This interdisciplinary degree focuses on the technical design and development aspects used in graphics, games, and animation industries. The degree is cutting-edge and unlike any other in the nation, combining foundational approaches from computer science, business, art, simulation, animation and military science to produce a highly technical as well as business savvy professional. Project-based courses include aviation simulators, computer-aided design systems, animation and video production systems, distributed networks, and game development. Graduates of this program are recruited by the rapidly growing new and digital media industries seeking professionals with skills in game development, interface design, security, simulation and animation.

► **Noteworthy:** *In this program, you will become proficient in C#, C++, Python, Javascript, HTML5, Maya and Unity3D.*

## SPACE PHYSICS [FL](#) [AZ](#)

Embry-Riddle's Space Physics program is the largest and most comprehensive in the nation, preparing you to work in space/aerospace industries or to enter graduate programs in physics, astrophysics, or space physics. At the Arizona campus you'll explore the structure of the Universe from the smallest scale (elementary particles) to the largest (cosmology). You'll use state-of-the-art research equipment and remote-sensing techniques as you conduct research in tandem with faculty in such areas as astroparticle physics, cosmology, gravitational waves (LIGO), general relativity, and exotic propulsion. The program at the Florida campus focuses on solar-terrestrial and heliospheric physics. You'll learn about electromagnetic plasma phenomena responsible for atmospheric electricity, space weather, and geomagnetic storms, and how to analyze in-situ and remote-sensing data. Measuring and modeling techniques are used in research into such topics as atmospheric, ionospheric, magnetospheric, and space plasma physics.

► **Noteworthy:** *Faculty research, which frequently involves student participation, is internationally acclaimed in the field of space physics. Project opportunities include NSF-sponsored internships and experiments with NASA Edwards, Center for Space Nuclear Research and Los Alamos National Lab.*

# Aviation

## AERONAUTICAL SCIENCE [FL](#) [AZ](#)

Embry-Riddle offers you the most advanced flight-training curriculum of any university in the world. Our program — which includes a Fixed wing option on both campuses and a Rotary option in Arizona — employs highly experienced instructors, a young aircraft fleet, advanced visual flight training devices, a Level D full-motion simulator, and sophisticated high-tech labs that provide specialized instruction in spatial disorientation, high-altitude physiology, and air traffic control. The 2019 Boeing Pilot & Technician Outlook projects a global need for 804,000 new commercial airline pilots over the next 20 years. Embry-Riddle has pilot hiring agreements with several airlines. FAA requirements for Embry-Riddle students allow them to become pilots faster than peers in traditional training programs, allowing our graduates to earn seniority faster.

► **Noteworthy:** *Our flight teams have won the NIFA SAFECON national championship 13 times since 1992, have an unbroken 34-year record as regional champions, and have recently won three national championship titles.*

## AERONAUTICS [FL](#) [AZ](#) [ONLINE](#)

The Aeronautics degree is designed specifically for students who work, have worked, or want to transition to an aviation-related career. For students with existing aviation-related knowledge and skills, this degree acknowledges a student's experience through the award of advanced standing prior-learning credit. The curriculum then builds on those skills and knowledge. The program also provides an opportunity for those students new to aviation to acquire aviation-specific knowledge. This combination of a student's aviation learning, aviation courses, business, computer science, economics, humanities, communications, social sciences, mathematics, and physical sciences, along with professional development elective courses and a minor course of study, will prepare graduates for a career in an aviation-related field.

► **Noteworthy:** *This flexible degree is ideal for you if you want a tailored academic experience or if you are still trying to decide between more focused degree programs.*

## AEROSPACE & OCCUPATIONAL SAFETY [FL](#)

The Aerospace and Occupational Safety degree program produces professionals who are skilled in providing safety and health management expertise along with technical guidance in compliance issues involving FAA, EPA, OSHA, DOT, industrial hygiene and workplace standards. Your skills can be used in many industries, including aerospace, aviation, manufacturing, service, construction, insurance, hospitality and government. The career outlook for safety professionals shows continued growth in the profession and stability. Graduates have been securing employment within two to six months after graduation and in some cases even before graduation.

► **Noteworthy:** *Recent graduates have been hired by Allegiant Air, Boeing, Delta, Harris Corporation, and Textron.*

## AIR TRAFFIC MANAGEMENT [FL](#) [AZ](#)

We are one of the leading AT-CTI schools with curriculum and high-fidelity simulation that prepares students for a career in air traffic management or an aviation/aerospace related organization. You will be taught by professors who have worked in the field as air traffic controllers and/or managers. Your simulation classes take advantage of the most advanced equipment in state-of-the-art labs, including en route, terminal radar, and tower. Our simulation laboratories are among the largest interactive air traffic control labs in the United States, with some of the most advanced simulation equipment available. ATM students, pilots, and dispatchers all interact together in our unique virtual airspace as well.

► **Noteworthy:** *Air Traffic Controllers are some of the highest paid government employees, with the Bureau of Labor Statistics reporting a median annual salary of \$124,540.*





# DEGREES & PROGRAMS

## Aviation continued

### AVIATION MAINTENANCE ONLINE

The demand for degreed aircraft maintenance specialists in the aviation and aerospace industries has never been greater. Our certificate and degree programs allow students to take advantage of the trend and take their careers to the next level. The Certificate in Aviation Maintenance Technology helps mechanics who have already met their experience requirements prepare for the FAA Airframe & Powerplant Maintenance Certification exams. The Associate of Science in Aviation Maintenance builds on existing mechanical skills and credentials, as well as general education. The Bachelor of Science degree expands opportunities by allowing students to specialize in one of two maintenance functions: management or safety. B.S. students can also enrich their education and career prospects by engaging in cooperative studies and internships.

► **Noteworthy:** According to the U.S. Bureau of Labor Statistics, the median salary of an aircraft mechanic is \$63,060.

### AVIATION MAINTENANCE SCIENCE FL

Our country's complex commercial, private, and military air travel system would cease to function without the work of professional aviation maintenance experts, and there is great demand for degreed aircraft maintenance technicians who can service, troubleshoot, and repair aircraft. The 2019 Boeing Pilot & Technician Outlook projects a global need for 769,000 aviation technicians during the next 20 years. The degree is made up of general education courses, technical courses, and labs, which lead to FAA Airframe and Powerplant (A&P) technician certification. You can select one of four areas of concentration: Flight, if you want to combine a maintenance background with the qualifications of a commercial pilot; Maintenance Management, if you want to use your maintenance skills as a platform for advancing into a management position; Safety Science, which allows you to focus on aviation or occupational safety and Avionics Cybertechnology and Security which addresses the importance of aerospace connectivity and data security.

► **Noteworthy:** Our skilled AMS graduates have obtained employment at notable employers such as Boeing, the FAA, Lockheed Martin, Pratt & Whitney, Rolls-Royce, Sikorsky Aircraft and UPS. An experienced A&P certified technician working for a major airline can top out at \$100,000-plus annually.



### METEOROLOGY FL AZ

In the Meteorology program, you will use a cutting-edge meteorology labs and interactive meteorological graphics software to understand and forecast atmospheric phenomena and then apply theory to operational weather forecasting and decision making for weather-sensitive industries. In addition to the degree, you may also pursue Emergency Response Meteorologist Certification or FAA Aircraft Dispatch Certification. In the Meteorology program, you will research a variety of atmospheric challenges ranging in scale from tornadoes to climate change in our fully equipped Weather Center. Students in this program may also pursue their FAA Aircraft Dispatch Certification. Both degree programs meet all American Meteorological Society and government standards for a degree in meteorology.

► **Noteworthy:** Our graduates find careers as meteorologists in the government, military or private sectors. The median annual salary for Atmospheric Scientists, like meteorologists is \$94,110, according to the U.S. Bureau of Labor Statistics.

### SPACEFLIGHT OPERATIONS FL

Embry-Riddle has pioneered this degree, tailored to students eager to join the young and exciting space industry. Our graduates will help solve the challenges of airspace traffic coordination, launch operations, training and certification requirements, and much more. The degree gives you a broad interdisciplinary foundation in commercial space transportation launchers and flight vehicles, spacecraft systems, human factors, safety and security, regulation and certification, training, and policy and law. You choose one of two specializations: *Space Policy & Operations* — focusing on policy, law, regulation, and program operations; or *Operations Science & Technology* — focusing on simulation, life science, and production operations. Embry-Riddle is close to the Space Coast, giving you the opportunity for space-relevant co-ops and internships.

► **Noteworthy:** Two Embry-Riddle research payloads traveled to suborbital space during a recent test of Blue Origin's New Shepard rocket.

### UNMANNED AIRCRAFT SYSTEMS SCIENCE FL AZ

The Unmanned Aircraft Systems (UAS) industry is fast becoming an integral part of aviation's future. This bachelor of science degree provides the expertise necessary for students entering this emerging field as remote pilots, field service representatives, mapping technicians, and UAS operations administrators. Graduates are well versed in the regulations and procedures required to operate unmanned aircraft in U.S. or international airspace. Students on the Florida Campus can take part in conducting multi-level professional UAS flight training using the new Penguin C UAS and high-end simulation to gain industry-standard skills and professionalism. On the Arizona campus, students can select a *Flight Minor*, the *Technical Operations Track*, or the *Applications Track* to advance through this growing program. All students can benefit from the increasing UAS internship and career opportunities with industry leaders such as L3, Textron, Northrop Grumman, and Phoenix Air Unmanned. By focusing on the long-term skill set that will allow them to excel using larger platforms in this rapidly changing industry, students will gain the knowledge they need to succeed as UAS are increasingly integrated into the National Airspace System.

► **Noteworthy:** Embry-Riddle's UAS program was one of the first in the nation and is now the largest.

### UNMANNED SYSTEMS APPLICATIONS ONLINE

Once the domain of military and government agencies, unmanned systems have entered the civilian and commercial sectors and are transforming the world as we know it. To meet the demands of this burgeoning field, Embry-Riddle has become a pioneer in unmanned and robotics education. Ours is one of the first degree programs to prepare graduates for the anticipated growth, innovative development, and effective use of unmanned systems technology across all domains: air, space, ground, and maritime. As a student, you'll customize your degree to fit your desired career path by selecting from three learning tracks: *Administration*, *Operations* or *Development*.

► **Noteworthy:** According to a study by the Association for Unmanned Vehicle Systems International, more than 100,000 unmanned aerial systems jobs are projected by 2025.

## Business

### AVIATION BUSINESS ADMINISTRATION/BUSINESS ADMINISTRATION FL AZ ONLINE

Because Embry-Riddle is the university of aviation and aerospace, industry employers look to our business graduates to fill exciting and lucrative positions. Graduates have obtained employment at major airlines, manufacturing companies, support entities, and regulatory bodies, such as Boeing, L3 Technologies, the FAA, Lockheed Martin, Pratt & Whitney, Textron Aviation, and UPS. In the **Business Administration** degree, you select one of the following areas of concentration: *Accounting & Finance*, *Management* and *Marketing* (Florida only). The degree in **Aviation Business Administration** offers several areas of concentration, including *Management*, *Financial Management*, *Flight Operations—Fixed or Rotary Wing*, or *Airport Management* on the Arizona campus; and *Air Transportation* or *Supply Chain Management in Aviation and Aerospace* on the Florida campus. The Worldwide degree is structured around a *Common Business Core* or an *Aviation Management Core*.

► **Noteworthy:** For 13 consecutive years, our ABA Arizona students have won the most total awards at the Phi Beta Lambda (Business) State Leadership Conference. And, our on-the-job internships with major employers are invaluable to your training and future career opportunities.

### BUSINESS ANALYTICS ONLINE

Whether you are a manager looking to improve organizational outcomes by boosting your analytical skills or you simply want to enhance your data literacy, the Bachelor of Science in Business Analytics (BSBA) at Embry-Riddle's Worldwide Campus is the perfect place to start. The program explores Sourcing Data, Database and Data Manipulation, Statistics and Computation, and Output and Visualization, and prepares students to embrace data-driven decision making and solve complex problems using business analytics.

► **Noteworthy:** The design of this new degree program was based on input from industry partners such as PWC, The Boeing Company, SAS and Dark Cubed.



## GLOBAL BUSINESS & SUPPLY CHAIN MANAGEMENT AZ

To be successful in today's globally interconnected society, you need not only business and technology skills but multicultural, political, and economic awareness. Concentrate in language and culture (Arabic, Chinese or Spanish), or aviation and aerospace, or both. In your study of international cultures, you'll focus on the values and business practices of emerging markets. Graduates help their employers take advantage of global market growth and joint venture opportunities, working as management analysts, international sales representatives, international financial analysts, market research analysts and more.

► **Noteworthy:** Exciting internships and cooperative experiences are available to global business majors, including summer-abroad academic programs in places like France, China, Mexico and Brazil.

## LEADERSHIP ONLINE

Leadership plays a key role in every organization, no matter the size or industry. Learning how to lead in a complex environment is a vital characteristic for organizational success. The Bachelor of Science in Leadership focuses on developing a holistic leader through comprehensive and practical leadership education. Graduates from this program will have knowledge in foundational leadership theories, complexity, ethics, critical thinking, communication, culture and diversity, decision-making, coaching and mentoring, and other areas related to leadership. The degree ensures that students have the appropriate skills to contribute as a leader in all aspects of society.

► **Noteworthy:** Leadership plays a key role in today's global economy. In fact, leadership has been one of the primary beneficiaries of globalization and over the past several years has become one of hottest topics in business.

## LOGISTICS & SUPPLY CHAIN MANAGEMENT ONLINE

Moving raw materials and products from point A to point B is becoming ever more complex thanks to globalization and consumer demand for faster delivery. As a result, the world's need for Logistics & Supply Chain Management specialists at every level is increasing at every point along the way: in manufacturing, warehousing, distribution, transportation, and inventory management. Our program equips you with the knowledge and skills to optimize the supply chain from end-to-end; find creative and effective solutions in technology, processes and people; and understand metrics for tracking and analyzing supply chain performance.

► **Noteworthy:** The Institute for Supply Chain Management report's 2019 Salary Survey reports a median salary of \$102,352 for supply management professionals. The U.S. Bureau of Labor Statistics estimates a 5% growth rate in logistics and supply chain job openings.

## PROJECT MANAGEMENT ONLINE

Graduates from this program have a strong grasp of concepts, such as cost and budgets, human resources, stakeholder management, procurement, and risk management. They're prepared to lead and manage complex projects in a variety of industries where they can make effective decisions and optimize all elements. Our curriculum was developed entirely by certified Project Management Professionals (PMPs) and our PMP-certified faculty are a great resource to students who plan to pursue certification through the Project Management Institute.®

► **Noteworthy:** Forecasts show that opportunities in project management will grow by 33% through 2027, according to an analysis by industry consultant Anderson Economic Group.

## TECHNICAL MANAGEMENT ONLINE

This program helps develop management and leadership skills and is designed for professionals who are stepping into new roles or would like to be considered for leadership roles. The course explores planning, organizing, staffing and leading, and also incorporates using data to drive decisions. The skill sets taught in this program will empower students to manage at a high level in today's diverse business environment. The degree is accredited by the Accreditation Council for Business Schools and Programs (ACBSP), while courses within the program are accredited by the Project Management Institute (PMI)®. The security classes are accredited by the National Security Agency.

► **Noteworthy:** BSTM program is accredited by the Accreditation Council for Business Schools and Programs (ACBSP). Specific courses within the program are accredited by the Project Management Institute (PMI)® and the National Security Agency (NSA).

# Engineering

## AEROSPACE ENGINEERING FL AZ

We offer the largest and most celebrated aerospace engineering program in the nation. As a graduate, you will be sought after by the aerospace and aviation industry to design military and civilian aircraft, space probes, robotics, UAVs, rotorcraft, satellites and space rovers. You learn to design, analyze, and test aerospace systems; and you work as part of a team on a major design project for an aircraft or spacecraft in an environment that mirrors industry conditions. You'll perform experiments in our state-of-the-art wind tunnels and labs. Our Co-op/Internship Program offers you work experience in business, industry, and government at companies and organizations like The Boeing Company, Rolls-Royce, Delta Air Lines, SpaceX and NASA.

► **Noteworthy:** Our program ranks #1 in the nation according to U.S. News & World Report's Best Colleges Guidebook for Best Undergraduate Aerospace, Aeronautical, Astronautical Engineering Programs.



## CIVIL ENGINEERING FL

The demand for civil engineers educated in the fields of airports, transportation, aviation and aerospace planning, and analysis and design is strong and is expected to grow rapidly. Air and ground transportation systems are expected to continue to grow at an increasing pace. Space utilization and exploration initiatives are certain to produce further demand for civil engineers with aerospace interests. Students will acquire an understanding of the classical areas of civil engineering with emphasis on transportation, geotechnical, environmental, and structural design in aviation and aerospace fields developed through a carefully planned series of courses and laboratories. Small class size and personal attention allow the interjection of practical interdisciplinary design projects throughout the curriculum.

► **Noteworthy:** Civil engineering is a very portable profession. You can live and work anywhere as civil engineers are in demand throughout the U.S. and world.

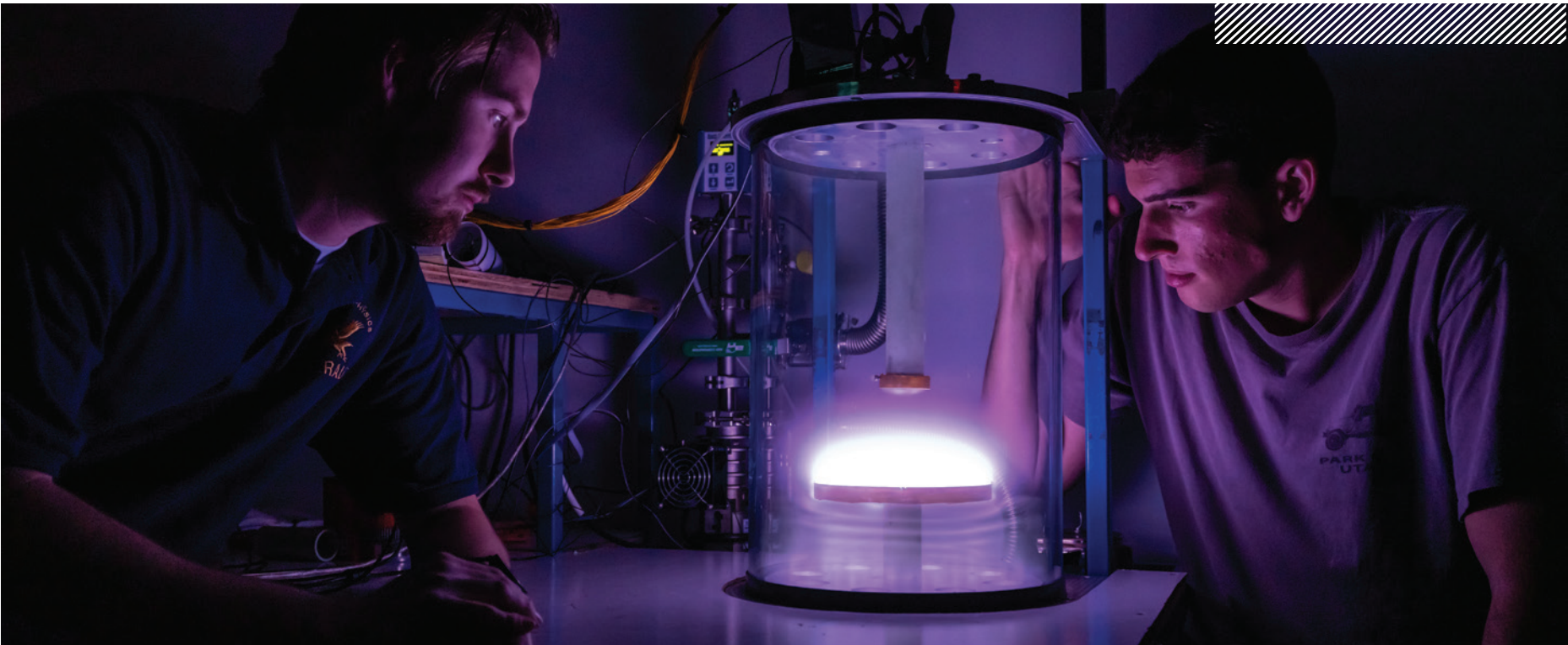
## COMPUTER ENGINEERING FL AZ

Students design and build from day one. Working both individually and in teams, you have the opportunity not only to learn about embedded computer systems, but also to develop those systems for projects ranging from autonomous aircraft to energy-efficient automobiles. The two-semester senior capstone design sequence follows the development cycle of a real engineering assignment. Working in multidisciplinary teams of computer, electrical, and software engineers, you design, build, and test a system to ensure that it meets customer requirements. Graduates of this program often find themselves part of research and development that spans many industries.

► **Noteworthy:** According to a recent report from the U.S. Bureau of Labor Statistics, the median annual salary for computer hardware engineers is \$114,600.



# DEGREES & PROGRAMS ///



## Engineering continued

### COMPUTER SCIENCE FL

You'll be prepared to work as part of a team on the development of software systems through any of the four areas of concentration (AOC) or the standard track. The Cybersecurity Engineering AOC emphasizes securing and defending networks and communications through secure system design and implementation. The Business Administration AOC prepares you to pursue software-related careers as a manager or entrepreneur. The Homeland Security AOC equips you to work in government or industry in security-related careers. The Human Factors AOC empowers you to operate at the intersection of human psychology, systems engineering, and computing to improve the human interface with machines. Our program also lays the foundation for graduate study in software engineering or computer science.

► **Noteworthy:** Computer and information technology occupations are projected to increase 12% by 2028, according to the U.S. Bureau of Labor Statistics.

### ELECTRICAL ENGINEERING FL AZ

With electronic devices enabling everything from digital computers to satellite navigation, our graduates are in demand in many fields. You learn industrial-grade design process, with the latest computer-based tools early on, with plenty of opportunities to work with and design real-world systems — such as the telemetry system of an autonomous aircraft or the power switching for a hybrid automobile. The program culminates in a two-semester capstone design sequence in which you are part of a team of student electrical, computer, and software engineers who specify, design, build, and demonstrate a working system — often for a real-world customer.

► **Noteworthy:** The median annual salary for electrical engineers is \$96,640, according to the U.S. Bureau of Labor Statistics.

### ENGINEERING ONLINE

Engineering is always a growing, in-demand profession. Our degree is designed from a multidisciplinary perspective with subject matter from mechanical, electrical, aeronautical, and systems engineering. The educational focus is anticipated to support the growth and innovative development of aerospace technologies and systems and address current industry challenges. Graduates will be prepared to effectively enter into research, development or design-related positions.

► **Noteworthy:** Our program is designed to prepare graduates to take the Fundamentals of Engineering exam — the first step in obtaining the Professional Engineer certificate.

### ENGINEERING TECHNOLOGY ONLINE

In this ABET accredited program, students put their engineering skills to work across a range of industries. The curriculum emphasizes the development of problem-solving and design skills, engineering judgment and fundamental industry knowledge. Numerous research projects, cutting-edge virtual labs and simulation methods, plus a capstone course, ensure that graduates can effectively define problems, select appropriate methodologies, and properly evaluate the outcomes. You'll choose one of 11 areas of concentration to align your coursework with your specific career goals. Concentrations include: *Aeronautical Science, Aviation Safety, Facilities and Construction Management, Helicopter Operations and Safety, Logistics Management, Management Information Systems, Occupational Safety and Health, Project Management, Security and Intelligence, Transportation, and Unmanned Aerial Systems.*

► **Noteworthy:** Credit for prior engineering or engineering technology training or experience may be applied to this degree.

### MECHANICAL ENGINEERING FL AZ

Our program provides a strong foundation in engineering fundamentals. At the Arizona campus you can choose from three tracks: Robotics, Energy, and Propulsion. Facilities include Advanced Vehicle Lab, Materials Science Lab, Propulsion Lab, Rapid Prototyping Lab, and Robotics Lab. At the Florida campus you can choose from four tracks: Robotic Systems, Energy Systems, Bio-Medical Systems, or High-Performance Vehicles. Facilities include High-Performance Vehicle Lab, Robotics and Autonomous Vehicle Lab, Clean-Energy System Lab, Manufacturing Lab, Composite Lab, Materials Lab, Structures Lab, and more. Opportunities for co-ops and internships abound, with major companies who consistently look to us for future employees: Tesla, The Boeing Company, Gulfstream, Lockheed Martin, Orbital Sciences, GE Aviation, Rolls-Royce and many others.

► **Noteworthy:** According to a recent report from the U.S. Bureau of Labor Statistics, the median annual salary for mechanical engineers is \$87,370.

### SOFTWARE ENGINEERING FL AZ

Students in our program are being prepared for one of the fastest-growing and highest-paying careers, with positions in a variety of industries ranging from aerospace to video game development. Thanks to real-world, hands-on projects — such as flight control of an autonomous aircraft or power control in a hybrid automobile — you develop the knowledge, skills, and ways of thinking required to design and implement large software systems while gaining a clear understanding of network integrity. We are one of the few software engineering programs in the nation with a highly marketable *Cyber Security Track*, offered on the Arizona campus. The program culminates in a two-semester capstone design sequence in which you'll work with a team of other student software engineers, computer engineers, and electrical engineers to specify, design, build, and demonstrate a real-world working system, or system of systems.

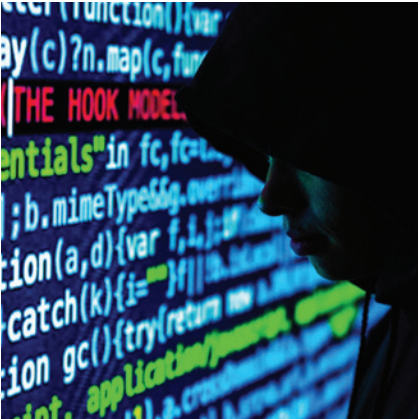
► **Noteworthy:** The job outlook for software developers is projected by the Bureau of Labor Statistics to grow 21% by 2028.

## Security & Intelligence

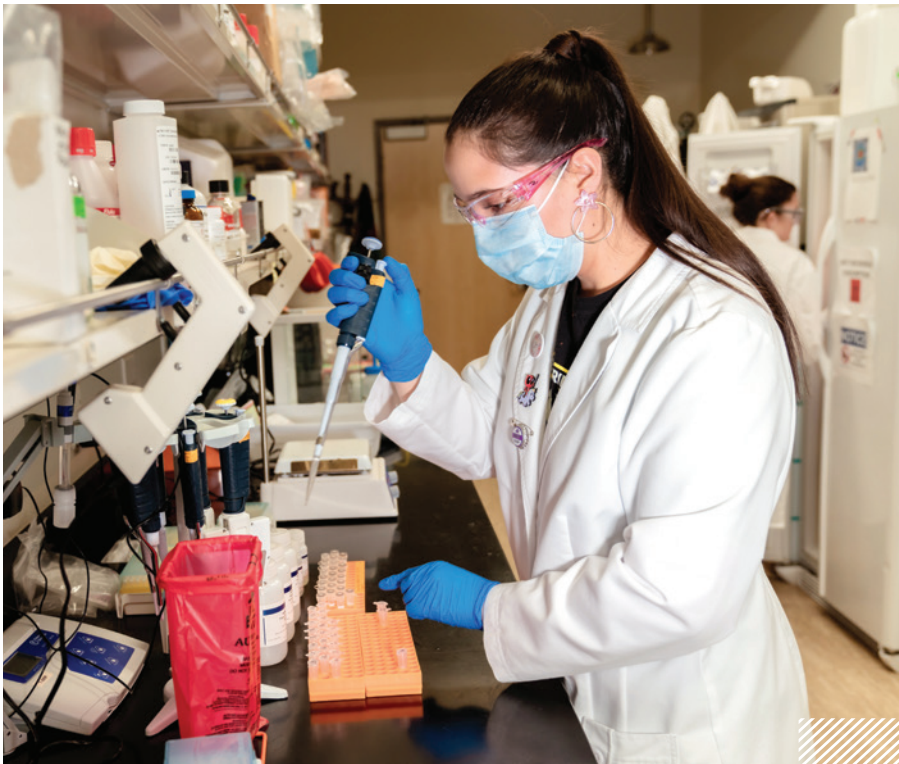
### CYBER INTELLIGENCE & SECURITY AZ

Embry-Riddle trains you to enter one of the fastest-growing fields in the world. You develop the technical skills needed to defend the people, data, software, and networks that keep the world safe and productive, including cryptography, data mining, and computer forensics. Trained in reality-based scenarios in our "Hacker Lab" — a state-of-the-art cyber security laboratory — you acquire a depth of knowledge in computer science and cyber security. You will have the chance to work as an intern for a corporate or government entity. The program also gives you skills in intelligence and management that prepare you to lead teams in offensive and defensive aspects of cyber warfare. Our graduates are in great demand and are acquiring rewarding careers with national security agencies and big businesses.

► **Noteworthy:** U.S. News and World Report states that this profession is growing at a rate of 32% through 2028.







### EMERGENCY SERVICES ONLINE

This program addresses all critical areas that modern fire departments are tasked to perform and is one of just a few university programs to earn the “Certificate of Recognition” from Fire Emergency Services Higher Education (FESHE). Students specialize in either *Aviation Emergency Management*, which focuses on aircraft accident investigation, airport emergency management, aviation safety, and leadership in emergency response organizations; or *Fire and Emergency Services* which focuses on emergency response administration, management, leadership, community risk reduction, and operational issues in emergency services. When students complete the six FESHE core courses through Embry-Riddle, they receive a National Fire Academy certificate just as if they had completed the courses at the National Fire Academy. Several additional Embry-Riddle-developed courses have been approved for students to receive NFA certificates.

- **Noteworthy:** Job growth in this field is expected to reach more than 5% by 2028, and Emergency Management directors earn a median of \$74,420 per year according to the Bureau of Labor Statistics.

### FORENSIC ACCOUNTING & FRAUD EXAMINATION AZ

Forensic accounting is where law enforcement meets the accounting world. Forensic accountants look beyond the figures on financial statements — to use not only their accounting and auditing skills but also their investigative skills. In this degree program, you will develop the skills necessary to identify and detect fraud; understand common fraud schemes and fraudulent financial reporting; develop evidence to support a fraud case through litigation support and expert testimony techniques; design internal systems that minimize or mitigate the potential for fraud; conduct fraud investigations and personnel investigations; and use accounting principles, financial analysis, and auditing knowledge to prepare for legal disputes or litigation. This program prepares you for Certified Fraud Examiner (CFE) exams and certification.

- **Noteworthy:** Certified Fraud Examiners make 31% more than peers without the CFE credential according to the Association of Certified Fraud Examiners.

### FORENSIC BIOLOGY AZ

In our cutting-edge forensics and biology labs, students receive extensive hands-on experience required of today's professionals serving as investigators, and in forensic science laboratories, law enforcement, as well as in pre-medical, research, and legal fields. Activities include evidence collection, crime scene investigation, tissue sampling and analysis, and a heavy emphasis on DNA techniques. This solid science foundation is coupled with study of the law and the legal system, and the unique requirements for evidence in a court of law. Forensic Biology students provide support to the Yavapai County Sheriff's Office as interns with the Volunteers In Protection (VIP) program.

- **Noteworthy:** Our students who graduate with the coursework to become accredited forensic biologists, through the American Board of Criminalistics, have the opportunity to join the American Academy of Forensic Sciences.

### FORENSIC PSYCHOLOGY AZ

Students are trained in the science of human behavior and mental processes to work in the civil, legal and criminal environments as experts. You receive a broad foundation in math, sciences, research methods, and test and measurement theory. This psychological training is combined with study in global and cybersecurity, forensic science, and the U.S. legal system and international affairs. The program is completed with a two-semester capstone project — generally student-led research or a practicum experience — that demonstrates integration of knowledge in these areas.

- **Noteworthy:** Employment levels for forensic psychologists are expected to grow at a rate of up to 14% per year until 2028, according to the U.S. Bureau of Labor Statistics.



### GLOBAL CONFLICT STUDIES FL

This program graduates conflict specialists with a foundation in history and/or political science. Students study a multidisciplinary and multinational approach to understanding the basis of conflict and how it has manifested — be it insurrection and secession, war and trade embargoes between states, or ethnic cleansing and terrorism. You also study the methodology, technology, and political processes used to prevent or resolve conflicts. Study abroad and cross-cultural internship opportunities, along with acquisition of strategic bilingual or multilingual language skills, give students unique learning experiences and a competitive advantage in the workforce.

- **Noteworthy:** The Global Conflict Studies faculty are recognized experts in foreign policy, genocide, international relations/ politics and security and intelligence.

### GLOBAL SECURITY & INTELLIGENCE STUDIES AZ

This one-of-a-kind program prepares you for leadership roles in intelligence, security and law enforcement. The curriculum covers politics, economics, history, languages, communications, security, and intelligence. You'll choose from three tracks: Standard, Chinese or Security Operations Management. You will develop the problem-solving skills needed to deal with crucial and timely issues such as terrorism, information warfare, illicit-trafficking networks, international crime, natural disasters and homeland security. You'll engage in war game scenarios and crisis simulations that put you on the front lines of national and international security. A course in Open Source Intelligence Collection will give you the opportunity to assist a Department of Defense Agency. You will also gain international experience through study abroad and field experience through government and private sector internships.

- **Noteworthy:** Students regularly travel to Washington, D.C. for briefings with the intelligence community and to tour the headquarters of the CIA, the FBI and the Pentagon.

### HOMELAND SECURITY FL ONLINE

One of the largest degree programs of its kind in the U.S., we give you the professional experience and analytical skills needed to begin a career in securing and defending our country. There are three ways to specialize your homeland security degree: take two minors, take a second major, or take one minor and a 15-hour block of approved and related courses. The senior capstone project requires you to find a client, identify a homeland security or emergency management challenge, and devise a solution. Our graduates find jobs at the Department of Defense, Department of Public Security, FAA, FBI, other federal or state government positions, as well as in the private sector. The degree also prepares you for graduate study in law, public policy, or emergency management.

- **Noteworthy:** We coordinate amazing internships with the FBI, U.S. Secret Service, FEMA, Lawrence Livermore National Labs, DEA, the U.S. State Department and more. We also offer international internships.

### SAFETY MANAGEMENT ONLINE

This program is designed to create world-class leaders, managers and practitioners who want to design safer workplaces, ensure employee wellness, conduct safety audits, and otherwise meet critical safety challenges within an ever-changing regulatory environment. The degree combines a strong core of general studies with a state-of-the-art Safety Management curriculum and four areas of specialization, including *Aviation Safety Management*, *Construction Safety Management*, *Emergency Management*, and *Occupational Safety Management*.

- **Noteworthy:** The BSSM is a Board of Certified Safety Professionals (BCSP) Qualified Academic Program (QAP) and, as such, is designated as a Graduate Safety Practitioner (GSP) program, an alternate path to the Certified Safety Professional (CSP).



# FLORIDA CAMPUS ///

CAMPUS FACTS ///



230+

DAYS OF SUNSHINE PER YEAR



300+

AVERAGE # OF FLYING DAYS PER YEAR

ATHLETIC TEAMS

WOMEN'S

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

MEN'S

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

COED

- ▶ Cheerleading

POPULAR OUTDOOR ACTIVITIES



Surfing at local beaches



Biking on the beach



Flying over the beach



Skydiving in Deland

FAVORITE PLACES ON CAMPUS

- ▶ Starbucks
- ▶ Game lounge — student union
- ▶ Group Study Rooms
- ▶ Hunt Library 4th floor
- ▶ Flight observation deck



## Living on Campus

The residence halls are a great way to make close and lasting friendships.

- ▶ All incoming students under the age of 21 are required to live on campus for the first two academic years.

Students who reside on-campus:

- Have higher GPAs
- Are more likely to graduate
- Have more access to academic and student support services

- ▶ Residence hall rooms and suites are wired for high-speed Internet and cable TV. Each hall also includes social lounges, study rooms and other common areas.
- ▶ Resident Advisors plan social and engaging opportunities in the residence halls. They are also a great resource for students to stay connected to the university and to assist them as they navigate their on campus living experience.
- ▶ There are numerous opportunities to become involved with student leadership or student staff positions within the residence halls.

## Food Menus

We make sure you have lots of food choices from 7 a.m. to 2 a.m. every day.

- ▶ Boundless All-You-Care-To-Eat is located in New Hall 2 and features 9 elevated all-you-care-to-eat dining stations ranging from classic to exotic fare. With a wide variety of fresh and healthy food options daily, your taste buds will be satisfied with every visit.
- ▶ Chick-fil-A, Qdoba, Starbucks, Propellers Café and the Refueling Station can all be found in the Student Union. Here you will find options from gourmet burgers and hot entrees to Boars Head deli subs, fresh fruit and salads.
- ▶ Grabbing a bite on the way to class? Stop by the Kebab Stop Food Truck on Legacy Walk, fill up at Boundless All-You-Care-To-Eat or grab a sandwich or wrap from Flight Café in the Flight Ops building.
- ▶ Looking for a late night option? In Flight Late Night located in the Student Village serves diner style food and a fun place to hang out with friends from 9 p.m. – 2 a.m. Also choose from a variety of snacks and more from the convenience store inside!
- ▶ Do you have a special dietary restriction? Let our General Manager or Head Chef know and we will accommodate you.

## Shore Adventures

Our beach town setting is halfway between Orlando and St. Augustine.

- ▶ Take a study break and head to the ocean to swim, surf, snorkel and sail.
- ▶ You're an hour away from Disney and Universal — theme park central.
- ▶ Can you guess how many hours Our students log in at Kennedy Space Center? Too many to keep count.
- ▶ The great cities of the South aren't far away. You can easily drive to Savannah, Georgia or St. Augustine, Florida — the nation's oldest city — for a weekend. Or a brief flight takes you to Key West, Florida; Atlanta, Georgia; or New Orleans, Louisiana.



Our East Coast campus is the northern anchor of Florida's Space Triangle and just a short drive from Cape Canaveral. It's also minutes from some of the world's most beautiful beaches and adjacent to an international airport.



## Downtime Fun

Some of our favorite getaways!

- ▶ Fly to St. Augustine for a burger.
- ▶ Swim, surf and hang out at one of the more than 50 miles of beaches near us.
- ▶ Go to Universal and Disney theme parks. Students get discounted tickets!
- ▶ Dive into some of Florida's many freshwater springs.
- ▶ Skydive in Deland.
- ▶ Drive to Miami Beach for the weekend.

## The Club Scene

If you have an extracurricular interest, we probably offer a club that can fulfill it. If we don't, we'll help you get it started! Here's a sample of more than 235 clubs.

- ▶ International sororities and fraternities for leadership, social activities, service, and friendship.
- ▶ Campus service groups like *Avion*, the student newspaper; WIKD 102.5 FM Radio; the Student Government Association; and Touch-N-Go Productions entertainment group.
- ▶ Professional organizations like Society of Women Engineers, Institute of Electrical & Electronics Engineers, National Society of Black Engineers, Society of Hispanic Professional Engineers, Human Factors and Ergonomics Society, and Society of Physics Students.
- ▶ And a growing squad of special interest clubs that include: Eagle Loop, our Hyper-Loop contest team, Project Haiti, working to bring clean water to schools, Robotics Association, Robotic Warriors, Microgravity Club, Beekeeping Club, Surf Club, Skydiving Club, UAS Tech Club, Gamers Guild and Experimental Rocket Propulsion Lab Club.



## NCAA, Div. II Athletics

Embry-Riddle became a member of NCAA Division II and Sunshine State Conference in July 2017.

- ▶ Since joining NCAA Division II, the Eagles have captured seven conference championships and 12 teams have made appearances in NCAA tournaments.
- ▶ Since its inception in 1989, Embry-Riddle has captured 109 regular season conference championships, 33 conference tournament titles, 29 individual national championships, as well as the 2000 NAIA II Men's Basketball national title and the 2013 NAIA Men's Tennis national title.
- ▶ More than 400 student-athletes have been named All-Americans, while over 300 have been named All-American Scholar-Athletes.

## Intramural, Club & Recreational Sports

We've got activities for everyone; from spikeball to soccer and just about everything in between.

- ▶ Intramural team sports include basketball, softball, soccer, flag football, volleyball, and individual contests in table tennis, bowling, tennis, and more.
- ▶ Club sports range from skydiving, scuba diving, ice hockey, surfing, kendo, sailing, fishing, aikido, and rock climbing, to name a few of the 25-plus groups.
- ▶ As for recreational sports, we have swimming, water basketball, fitness activities, kick ball, disc golf, tennis, kan-jam, camping tents/coolers, bubble soccer, and the list goes on and on.



## ROTC

13% of students on our campus train to become Army, Air Force, Navy, and Marine Corps officers.

- ▶ Our AFROTC detachment produces more commissioned officers, pilots, and rated officers than any institution except the Air Force Academy.
- ▶ Qualified students may be eligible to receive a ROTC scholarship, which pays for college tuition and most laboratory, textbook, and incidental fees, plus a monthly nontaxable allowance during the school year.

- ▶ Air Force cadets participate in Leadership Laboratory and two physical training sessions weekly with emphasis placed on teamwork, leadership, and planning. Extracurricular events may include rappelling, paintball and trips to Air Force bases.
- ▶ Army cadets undergo extensive physical and mental training to compete in the Ranger Challenge — an intercollegiate extreme sport. Training includes six-mile road marches with field gear, tactical assault course, land navigation with map and compass, and marksmanship.
- ▶ Naval Midshipmen attend at least one four-week summer cruise, which introduces them to four naval communities: life on a cruiser or destroyer; life in a submarine; life for an aviation squadron; and life as a Marine.

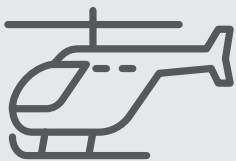


CAMPUS FACTS



277+

DAYS OF SUNSHINE PER YEAR



325+

AVERAGE # OF FLYING DAYS PER YEAR

ATHLETIC TEAMS

WOMEN'S

- ▶ Basketball
- ▶ Cross Country
- ▶ Golf
- ▶ Outdoor Track
- ▶ Rowing
- ▶ Soccer
- ▶ Softball
- ▶ Volleyball

MEN'S

- ▶ Baseball
- ▶ Basketball
- ▶ Cross Country
- ▶ Golf
- ▶ Outdoor Track
- ▶ Soccer
- ▶ Wrestling

POPULAR OUTDOOR ACTIVITIES



Hiking Thumb Butte



Mountain biking Granite Mountain



Kayaking at Verde River



Snowboarding at Snowbowl

FAVORITE PLACES ON CAMPUS

- ▶ Remote control airfield
- ▶ Scholars Cafe in the Hazy Library
- ▶ AXFAB — Where the cool labs are
- ▶ The Quad
- ▶ Student Union



Living on Campus

The residence halls are a great way to make close and lasting friendships. Approximately 47% of our students live on campus.

- ▶ First-year students live in Mingus Mountain, Thumb Butte Complex or the Village Complex
- ▶ Residence hall rooms and suites are wired for high-speed Internet. They also include social lounges, kitchenettes, study rooms and other common areas.
- ▶ Programs that support your social, residential and academic life, such as:
  - Hall Socials
  - Intramural Competitions
  - Floor Dinners
- ▶ Four additional living complexes provide suites and apartments for upperclassmen. Our newest residence hall opened in 2018.

Food Menus

We make sure you have lots of food choices from 7 a.m. to 9 p.m. every day.

- ▶ Earhart's Dining Hall serves everything from burgers to vegan:
  - International cuisine
  - Full breakfast with Omelet Bar
  - "Mindful" healthy cuisine
  - Grilled entrées
  - Pizza & pasta
  - Deli sandwiches
  - Salads tossed to order
- ▶ Scholars Café in the Library — featuring Starbucks — is great for a croissant and caramel macchiato study break, and also features salads, snacks and wraps.
- ▶ WOW, located in the Student Union; serving hand dredged chicken sandwiches & tenders, burgers and quesadillas — lighter fare includes a variety of salads and wraps.
- ▶ Simply to Go, a convenience store featuring your favorite snacks and beverages including a variety of ice creams and protein bars.
- ▶ Eagles Café, located at the Flightline, features our Famous Breakfast Burritos, made to order custom sandwiches and Starbucks Coffee Bar.
- ▶ Rocket Deli & Salad, a great option for delicious New York style deli sandwiches and fresh, healthy snacks.

Outdoor Adventures

From our safe, small city environment, you can reach 10 National Parks within a day's drive.

- ▶ Take a study break and head for the hundreds of miles of bike trails, six lakes, and tons of insane rock face formations that are practically in our back yard.
- ▶ The Grand Canyon is a 2-hour drive away.
- ▶ Four national parks are within a 4-hour drive of Prescott.
- ▶ It's just a 2-hour drive to Phoenix for the day; or 4 hours to Las Vegas for a weekend.
- ▶ Prescott is home to the World's Oldest Rodeo and was once the capital of Arizona Territory. Check out the Old West historic district.
- ▶ Rock climbing is close by on Granite Mountain or in the nearby Dells.
- ▶ Prescott is listed as one of *National Geographic's* Adventure Destinations.
- ▶ Prescott has been named one of the top three "destinations on the rise" in the country as well as having the cleanest air of any city in the nation.
- ▶ Snowboarding at Arizona Snowbowl is less than a 2-hour drive away.



Nestled in the beautiful Bradshaw Mountains between Phoenix and the Grand Canyon, our Western campus is renowned for its excellent seasonal weather and outdoor activities such as skiing, hiking, mountain biking, kayaking and rock climbing, to name just a few.

## ROTC

14% of students on the Arizona campus enroll in the Army or Air Force ROTC program.

- ▶ Embry-Riddle cadet Austin Fischer was named the 2018 Air Force Association "Outstanding ROTC Cadet of the Year."
- ▶ The university's AFROTC produces more commissioned officers, pilots, and rated officers than any institution except the Air Force Academy.
- ▶ Army ROTC was recognized as the best large Army ROTC Program in the Southwest.
- ▶ Our highest ranking Army cadets are also selected to participate in Air Assault Camp, Jungle Camp and all cadets attend basic and advanced camps during the summers.
- ▶ The Air Force Honor Corps drill teams — Sabre, Rifle, Unarmed and Color Guard — perform and compete nationally at drill events.
- ▶ Army cadets undergo extensive physical and mental training to compete in the Ranger Challenge — an intercollegiate extreme sport. Training includes six-mile road marches with field gear, tactical assault course, land navigation with map and compass and marksmanship.
- ▶ Air Force cadets attend summer programs, such as parachute training, glider operation, space orientation, and cultural immersion in Brazil, India, Morocco and Turkey, among other countries.
- ▶ Full tuition Army ROTC scholarships and generous Air Force ROTC scholarships are available.

## Favorite Campus Happenings

We have some amazing campus traditions.

- ▶ Air shows and races! Wings Out West Air Show and the women's Air Race Classic are guaranteed to thrill you.
- ▶ Campus BBQ — Southwestern food and fun.
- ▶ International Festival — attended by over 500 people! Enjoy international music, food, culture 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 homecoming weekend with an air show, dancing and events for undergrads as well.
- ▶ Casino Night — games, competitions, prizes!

## The Club Scene

Here is a sample of the 146 student run clubs and organizations reflective of the varied interests of our student.

- ▶ Fraternity and Sorority Life: Three sororities and six fraternities living the values of friendship, scholarship, leadership and service.
- ▶ The Music Club: A group of seven ensembles composed of a community of performing musicians.
- ▶ Campus service organizations that include Horizons, the student-run newspaper; Board of Campus Activities, the student-run programming board; Student Campus Enhancement Fund, the student-run group responsible for funding campus projects; and the Student Government Association, which governs and advocates for our student body.
- ▶ Professional and academic based organizations such as Society of Women Engineers, Phi Beta Lambda, Eagle Aerospace, Society of Hispanic Engineers, Society of Physics Students and Women in Aviation.
- ▶ Social and special interest organizations such as the Student Veterans Organization, Nerf Club, Eagle Automotive, Assembly of Ballroom Dancing, Talonz Gaming Guild, Silver Wings, Ultimate Frisbee, Chi Alpha and Toastmasters.

## Downtime Fun

Some of our favorite getaways!

- ▶ Visit the haunted hotel in the ghost town of Jerome.
- ▶ Fly or drive to Sedona for dinner.
- ▶ Drive to Las Vegas for a show.
- ▶ Spend the weekend hiking in the Grand Canyon.
- ▶ Raft on the Verde River.
- ▶ Fly to Los Angeles for the weekend.

**"I learned so much, not only through the classroom, but also through campus involvement and just personal growth. Embry-Riddle enabled me so many amazing opportunities and I will forever be grateful to everyone that made that beautiful campus in Prescott feel like home."**

LISANNE KIPPENBERG  
AVIATION BUSINESS  
ADMINISTRATION



## Athletic Teams

The Eagles compete in the National Association of Intercollegiate Athletics (NAIA).

- ▶ The Eagles won their fifth consecutive Cal Pac Commissioners Cup and six conference titles this past year. Over the years, we're proud to report:
  - 82 NAIA All-Americans
  - 13 Academic All-Americans
  - 288 Daktronics Scholar-Athletes
  - 33 Cal Pac Conference Championships
  - Nine wrestling national champions

## Intramural, Club & Recreational Sports

From rugby traditionalists to ultimate Frisbee free spirits, you can join fellow gamers in your favorite sport.

- ▶ Intramurals include basketball, soccer, tennis, sand volleyball, flashball, dodgeball, flag football, ultimate Frisbee and more.
- ▶ Club sports offer men's and women's rugby, archery and ice hockey.
- ▶ As for recreational sports, we have swimming, tennis, racquetball, volleyball, table tennis and the list goes on.
- ▶ And of course snowboarding at Arizona Snowbowl. One of three Arizona ski resorts — it's less than a 2-hour drive away.





# WORLDWIDE/ONLINE ///

 @erauworldwide

 @erauworldwide

 @embryriddleworldwide

 worldwide.erau.edu

## CAMPUS FACTS ///



### ONLINE TECHNOLOGY

#### CANVAS

- ▶ Industry-leading cloud-based learning management system used for online teaching and learning experiences

#### EAGLE-VISION

- ▶ EagleVision is a virtual classroom that provides a campus learning experience from anywhere. A combination of web video conferencing and a virtual learning environment.



### LOCATIONS AROUND THE WORLD

- |             |                  |
|-------------|------------------|
| ▶ Brazil    | ▶ South Korea    |
| ▶ Germany   | ▶ Spain          |
| ▶ Italy     | ▶ Turkey         |
| ▶ Japan     | ▶ United Kingdom |
| ▶ Singapore | ▶ United States  |

# 12

UNDERGRADUATE START TERMS PER YEAR FOR ONLINE PROGRAMS

### 5 FAVORITE CAMPUS PERKS

- ▶ **Flexibility:** Enroll in courses when it's most convenient.
- ▶ **Affordability:** Education at a cost that meets any budget.
- ▶ **Academic & Financial Aid Advisors:** Readily available virtually and in-person to assist with all your needs.
- ▶ **Networking:** With instructors and fellow students who are current industry professionals.
- ▶ **Global:** With locations and students around the world, your education will be as diverse as the future workforce you aim to conquer.



## Online Classes

Using today's cutting-edge technology, we connect students from all over the world with our top-tier educators and courses. Through traditional online delivery, or our interactive live-streaming platform (EagleVision), we deliver courses and degree programs around the globe and in all time zones.

- ▶ Complete assignments, join discussions, study and ask questions at a time most convenient for you. Discussions are asynchronous so you do not have to participate at a predetermined time.
- ▶ Courses are divided into 9-week modules, one for each week of the course.
- ▶ Coursework is submitted via Canvas.
- ▶ Our EagleVision technology provides a virtual classroom for real-time interaction with other students and your professor.

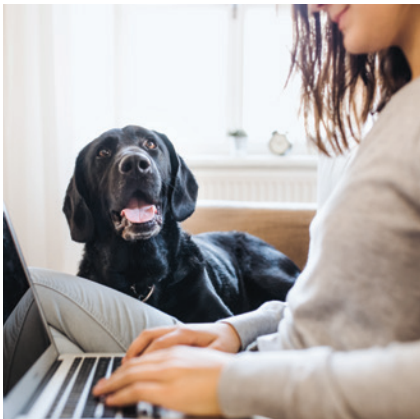
## Flexibility

- ▶ **Career:** Schedule classes around your current job and continue to earn while you learn from wherever you are.
- ▶ **Family:** Online education allows you to take classes when you're able so they don't interfere with family time.
- ▶ **Budget:** Completing your degree online can help you save money on tuition, fees, transportation costs and housing costs.



## Affordability

- ▶ **Simple Tuition Structure:** The cost for online classes are straightforward and uncomplicated, making your overall obligation easy to understand.
- ▶ **Scholarship Opportunities:** Regardless of where or what you study, there are scholarships and grants that may be available through private, state, federal and other sources.
- ▶ **Navigation Help:** Every year, Embry-Riddle Worldwide students secure more than \$30 million in financial aid. Work with our financial counselors to find effective ways to pay for your education.





Our Worldwide Campus allows students to earn degrees from anywhere in the world. We are the only university to have online bachelor’s degree programs ranked in the top 5 for seven straight years, and we also offer support locations all over the globe.

## Industry Tested Professors

When you take courses at Embry-Riddle Worldwide, it isn’t just a professor at the head of the class.

Our faculty is comprised of skilled and experienced professionals, many of whom are still working in the industry — whether it’s aerospace, aviation, business, UAS. All of our instructors are well-rounded and able to teach core learning concepts that are applicable to a wide range of degree programs. We have a global network of adjunct faculty members, all of whom also are industry veterans and experts.

Taken together, the teaching staff at Embry-Riddle harnesses a wealth of professional experience and brings it directly into the classroom. They engage and challenge students to collaborate and take part in world-class research projects, creating a learning atmosphere that responds to the demands of today’s employers by teaching key concepts that students can carry forward into their careers.

- ▶ **Aviation:** Our diverse staff helps Embry-Riddle Worldwide students climb higher. They are, or have been, working pilots, air traffic controllers, operations managers, and maintenance technicians. That wealth of aviation and aerospace experience puts our Aeronautics students on the leading edge of learning.
- ▶ **Engineering:** Whether it’s designing a rocket or mastering the latest in bridge techniques, the instructors in Embry-Riddle’s Department of Engineering and Technology have been there and done that. And they’re excited to share their insights and understanding with students eager to enter the exciting world of engineering.
- ▶ **Business:** The Worldwide College of Business faculty strives to create the next generation of business leaders in aviation and aerospace. They leverage their wide range of experiences, from airline and airport management to logistics and supply chain supervision, to provide personalized, cutting-edge education that empowers success.
- ▶ **UAS:** At Embry-Riddle Worldwide, UAS are in our DNA. The school that created the first degree program for unmanned systems has instructors with years of experience and the skill to prepare students for aviation’s next generation, which is projected to create more than 100,000 new jobs by 2025.

## Academic & Career Support

Student success is our top priority. You can expect a personalized and attentive academic counseling experience and a robust offering of services to help start or advance your career.

### ACADEMIC COUNSELING

- ▶ Worldwide/online students work with the same advisor from admission to graduation.
- ▶ Advisors communicate with students in-person, or via phone, text, email and Skype, as needed.
- ▶ Support may include a personal degree map, course recommendations, and other academic assistance.
- ▶ Support through the financial aid and payment process is also available.

## Accolades

Our Worldwide/Online programs and delivery systems are recognized as the best.

- ▶ **#2** Online Bachelor’s Degree Program - *U.S. News & World Report, 2020*
- ▶ **#1** Most Technologically Savvy Online School - *Online Schools Center, 2020*
- ▶ **Top 5** Online Colleges & Universities - *College Choice, 2014-2018*
- ▶ **#3** Best Online Fire Sciences Degree (Emergency Services) - *Online Schools Report, 2019*

## eUnion – A Virtual Community

Connect. Engage. Explore.

At Embry-Riddle, Worldwide students can now be just as connected to the University experience as students on our residential campuses.

- ▶ This exclusive site, modeled on social communities such as LinkedIn and Facebook, allows collaboration in a dynamic environment while building a strong sense of spirit and pride.
- ▶ eUnion allows students to create their own profiles and participate in groups where they can post comments, pictures and emojis.
- ▶ Joining eUnion means getting access to a variety of embedded apps and the chance to join groups focused on common interests, which will soon include a Student Government Association, virtual clubs, study groups and so much more.



## Pathways to Success

Embry-Riddle’s Pathways to Success Program serves to support online student engagement and the academic experience — whether in or away from a classroom. By leveraging our cutting-edge virtual platforms, online students are matched with engaging faculty mentors, like-minded fellow students aspiring to industry success, value-added events, and thought-provoking speaker series. Pathways to Success students are also eligible for financial scholarships to ensure their achievements aren’t hindered by tuition costs.

“Having the opportunity to take part in online studies while still being able to focus on my job has opened many doors for me. Embry-Riddle has given me the opportunity to be independent as juggling work, family and school isn’t an easy thing to do while being a full-time student. It’s helped to prepare me for new challenges coming my way.”

SAPIR KAUFMANN  
AVIATION BUSINESS  
ADMINISTRATION



# NEXT STEPS

## CONTACT US

Schedule your visit or learn more about Embry-Riddle.

**Arizona Campus** | Prescott  
prescott@erau.edu  
928.777.6600 / 800.888.3728

**Florida Campus** | Daytona Beach  
daytonabeach@erau.edu  
386.226.6100 / 800.862.2416

**Worldwide/Online**  
worldwide@erau.edu  
800.522.6787

Based on the quality of our programs and the exciting and growing industries we serve, Embry-Riddle degrees are in high demand. Some of our programs may have limited capacity and we encourage you to check our website or contact one of our admissions counselors for updates.

## COME VISIT

A campus visit to our residential campuses lasts about three hours and includes:

- Walking tour of campus.
- Tour of flight line and ramp.
- Meeting with an admissions counselor.
- You may also request a meeting with a professor, financial aid counselor, coach, or ROTC representative. You may also request to sit in a class or take a flight.

## HOW TO APPLY

Submit the following:

- Application: [erau.edu/apply](https://erau.edu/apply)
- Official high school and/or college transcript or GED scores.
- ACT and/or SAT scores are highly recommended.
- \$50 nonrefundable application fee.
- Two letters of recommendation.
- Optional admission essay and/or resume.
- Transfers with more than 30 credits:
  - High school transcripts NOT required.
  - Transcripts from all colleges attended.
- Applications evaluated continuously. Once all documents have been received, we will notify you of your admission status.

## INTERNATIONAL STUDENTS

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

- SAT and/or ACT test scores are highly recommended and are required for scholarship consideration.
  - If English is not your primary language, you must take one of the following tests:
    - Test of English as a Foreign Language (TOEFL) and score a 79 or higher on the Internet-based exam.
    - International English Language Testing System (IELTS) and score at least a 6.
- Students not meeting the TOEFL or IELTS minimum scores can fulfill this requirement by studying English at the Embry-Riddle Language Institute on either campus or by completing Level 112 at an ELS Language Center.
- Proof of funding is required for the first year of study.
  - Please reference the website for complete requirements for international applicants.

## SCHOLARSHIPS

Every student applying for admission is automatically considered for scholarships.

Scholarships:

- Are based on student abilities both inside and outside the classroom.
- Do not have to be repaid.
- Are sometimes need-based, requiring the FAFSA be submitted.

## FINANCIAL AID

96% of Embry-Riddle freshmen students receive some form of financial aid through scholarships, grants and loans.

To apply for need-based financial aid:

- Fill out the Free Application for Federal Student Aid (FAFSA) at [fafsa.ed.gov](https://fafsa.ed.gov). It is available October 1 of the year before you intend to start college.
- Include Embry-Riddle's federal school code on the FAFSA: 001479.
- The FAFSA is the first step in receiving additional aid. Notification of your complete financial aid package will arrive after you submit your FAFSA form. Federal and state financial aid programs are available to U.S. citizens or permanent residents who qualify.