**HOW TO APPLY**

Submit the following:
- Application: erau.edu/apply
- Official high school and/or college transcript or GED scores.
- ACT and/or SAT scores (strongly recommended).
- $50 nonrefundable application fee.

Please note: Additional documents may be required of specific audiences. We evaluate applications on a continuous basis. Once all documents have been received, we will notify you of your admission status.

**SCHOLARSHIPS**

Every student applying for admission is automatically considered for scholarships.

Scholarships:
- Are based off of student’s grade point average and test scores, if submitted.
- Do not have to be repaid.
- Are sometimes need-based and require a FAFSA be submitted.

**FINANCIAL AID**

96% of Embry-Riddle freshmen 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 fafsaa.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.

**COME VISIT**

A visit to our residential campuses in Daytona Beach, Fla. and Prescott, Ariz. lasts about three hours and includes:
- Walking tour of campus.
- Admissions presentation.
- Meeting with an admissions counselor.

Register online where you can customize your visit experience and view schedule of available tour times. You may also request to sit in on a class or to meet with a professor, a financial aid advisor or an ROTC representative.

**CONTACT US**

Schedule your visit and learn more about Embry-Riddle.
- Florida Campus | Daytona Beach
daytonabeach@erau.edu
386.226.6100 / 800.862.2416
- Arizona Campus | Prescott
prescott@erau.edu
928.777.6600 / 800.888.3728
- Worldwide/Online Campus
worldwide@erau.edu
800.522.6787

Next Steps...
NEW USES FOR UAS

“I think the most important thing I have learned is coming up with creative uses for Unmanned Aircraft Systems (UAS),” said Christina Roberts (’19), who double-majored in Security and Intelligence and UAS. “Everyone knows you can use UAS to take photos. The training I’ve had allows me to do the flight planning I love and help people find those non-traditional UAS uses.”

She is not alone in taking advantage of the opportunities in UAS. During 2019, a student group travelled to Kosovo to test drones in an urban environment.

“Any urban UAS operation is extremely difficult due to the amount of traffic, potential risk to bystanders and the need to plan for the unexpected.”

Jonathan Hale (’20)

The team flew an octocopter decked out with special integrated instruments with an eye toward future air mobility and drone delivery options.

“We are the next generation of aviation,” Hale said.

GRADS WHO ARE READY

That’s certainly true in the case of Phoenix Air Unmanned, a rapidly growing unmanned flight provider where seven Embry-Riddle graduates now work.

“One major quality that all of our graduates display is a passion for aviation,” said William E. Lovett, an Embry-Riddle alum and managing director of Unmanned Systems at Phoenix Air. “Our UAS operations positions require skills as remote pilots, maintainers, systems integrators and in geographic information systems. Most Embry-Riddle alumni arrive here with past experiences in all these areas, and others eagerly learn from their peers.”

THE LEADING EDGE OF INNOVATION

The growth of UAS in so many industries is another advantage for Embry-Riddle students who are on the leading edge of drone innovation, including being the first in the country to operate the long-range Penguin C UAS.

Roberts, who has done internships with the Joint Artificial Intelligence Center and a South African wildlife conservation group, credits Embry-Riddle with getting her ready to work at the next level.

“I’ve been taught how to think about UAS outside the traditional boxes,” she said. “UAS isn’t traditional at all, and it needs to be thought about differently.”
Better Biking

When it comes to complex problems, sometimes the best solutions are the simplest — and the cheapest.

That’s what Mechanical Engineering students Andrew Ferree (‘19) and Zack Saidman (‘19) learned when they set out to find a way to keep cars from striking pedestrians and cyclists.

The two ended up creating a prototype warning system that costs just $23, yet could ultimately save thousands of lives. Their design won them a second-place honor at the Society of Automotive Engineers International Connected Vehicle Challenge.

The device uses radio signals to talk to nearby devices and warn of potential collisions.

Ferree is now pursuing his master’s degree while Saidman works as a systems engineer at Raytheon, but the pair say they plan to continue their research using the $5,000 prize from the conference.

Summer in Seattle

For Software Engineering and Simulation Science major Dai Ibrahim (‘21), the summer of 2019 was both a turning point and a culmination.

Ibrahim spent 12 weeks as an intern at Boeing, which routinely opens its doors to Embry-Riddle students, and found she loved what she was doing. “I learned about the software engineering process for front-end development, and I am now certain that I want to pursue front-end development as a full-time career,” Ibrahim said.

Ibrahim spent the first part of her internship working with Embry-Riddle alum Alan Tomaszycki, assisting with an autonomous systems patent now in the approval process. During the latter half of her internship, she worked on the front-end development processes she enjoys.

“The software engineering courses that I took prepared me for the real-world applications of the engineering process,” she said.

Eagle Eye Intel

Students in the College of Security and Intelligence don’t have to wait to make their mark on the global intelligence community. During the school year, they do it every Friday by publishing the renowned intelligence news wire called Eagle Eye Intel.

Founded in 2000, the weekly brief is a classic example of how Embry-Riddle uses problem-based discovery and hands-on experience to boost future career opportunities for students.

Those working on Eagle Eye Intel, such as Security and Intelligence student Kaylee Coffman (‘20), focus not only on writing briefs but also intelligence articles that follow larger trends in the world. Both activities put students directly into the real world of security and intelligence and build unparalleled skills that are required to work in this fascinating and rapidly growing field.

The research and analysis demanded by Eagle Eye Intel, and the network it helps students build, gives them a foundation for the intelligence field they can get nowhere else.
A Celebration of Aviation

In 2019, AirVenture drew 10,000 aircraft and 642,000 people, providing a behind-the-scenes view of the entire show from start to finish.

Blue Origin

Boban's work at Blue Origin not only put him in a professional environment but also blossomed into a full-time job after graduation.

See Us at the Show

As the world's leader in aviation education, Embry-Riddle has a large presence at this annual event. Come visit us at AirVenture 2020!

AirVenture Adventure

From helping craft policy to getting a front-row seat to the world's top airshow, Aviation Business Administration student Jim Myers made the most of his summer internship at the Experimental Aircraft Association in Oshkosh, Wis. Myers, a sophomore, met EAA representatives during Embry-Riddle's Spring Career Expo and landed an internship with the group's Government Team. He helped plan visits to the massive AirVenture gathering by the state's governor and other lawmakers, in addition to working on policy and tracking accidents involving experimental aircraft. He also got a chance to check in with some Embry-Riddle colleagues who hosted forums and the Annual Alumni BBQ that is part of the university's yearly presence at AirVenture. The experience was invaluable, Myers said, adding that one of his key takeaways was learning to "constantly network and push yourself to make connections that will have unforeseen benefits in the future."

BUSINESS

Florida | Arizona | Worldwide/Online | erau.edu

The Origin of Success

Matt Boban ('20) started dreaming about space seven years ago, when he watched the Curiosity rover touch down on Mars. Now, with a job at Blue Origin lined up when he graduates, Boban is grateful to Embry-Riddle for helping him realize that dream.

"Students at Embry-Riddle have a lot of opportunities at an undergraduate level that many other schools only offer at a graduate level," he said. Boban, an Aerospace Engineering major and former president of Embry-Riddle’s Rocket Development Lab, recalls when he started classes.

"I saw what the rocket club was doing. I really fell in love," he said. "I think my first impression was something like, 'There's no way this is legal…'

His internship at Blue Origin in 2019 blossomed into a full-time job after graduation. Thanks to his experience at Embry-Riddle, he was ready for the internship. Now, he’s ready for his new job.

"Not only is the company building really cool rockets," Boban said, "but the first time I really considered a career working in aerospace was when I watched the Curiosity Mars Rover land back in 2012."

MECHANICAL ENGINEERING

A New Frontier

Imagine hunting for cures to brain disorders — in space.

Mechanical Engineering major Malik Moville (‘21) was part of a team that launched the first brain organoid investigations to the International Space Station while he worked on an extended internship at Space Tango, a company using microgravity for research and innovation.

The organoids served as 3-D brain models for researchers exploring the biology behind neurological diseases.

"From the start of the project to the actual launch, I was thrilled to be part of it," said Moville, who worked with a team from the University of California-San Diego and helped design a habitat to keep the organoids alive in space.

"Thanks to my professors at Embry-Riddle, I was able to play a leadership role and I was prepared for whatever came my way. I am very proud of my contribution and even more excited about what's in store for the future."
What’s life like when you join the Embry-Riddle family? It’s rewarding, challenging — and fun. Have a look for yourself.

Are you ready to #GoERAU?

Let’s get social! | ▶️ ▶️ ▶️

I’m going to work at NASA in a month!!! I’m so happy I can finally say this, today I just accepted an official offer for a Fall Internship @NASA_Johnson! It also happens to be #NationalInternDay today! Great timing to become a #NASAItern with @NASAIterns

Kiristan Waters
3 1/2 years and 5 certificates later I’m FINISHED WITH ALL RIDDLE FLIGHT COURSES!! THANK YOU THANK YOU to all my family, instructors, and friends for believing in me!! #CleanPass #IMDONE #GoERAU

Kirra Tavary
Last one, best one #Classof2020 #GoERAU

Arun O’Mathew
If someone would’ve told me that in 2019, I would be holding my Bachelors in Aeronautical Science in one hand and my Multi-Engine Commercial Pilot License on the other, I would’ve clearly laughed in their face cause I never knew how it would happen. #GoERAU

Jordan Dabney
Wings out west baby!!! #GoERAU

Embry-Riddle Prescott
Who’s ready for all the Homecoming events! #octoberwest #GoERAU

Nick Lopac
Who’s ready for all the #Homecoming events! #octoberwest #GoERAU

Arun O’Mathew
December 20, 2019
Embry-Riddle Prescott
September 24, 2019
Kirra Tavary
January 17, 2020
October 5, 2019
Kiristan Waters
December 7, 2019
I’m going to work at NASA in a month!!! I’m so happy I can finally say this, today I just accepted an official offer for a Fall Internship @NASA_Johnson! It also happens to be #NationalInternDay today! Great timing to become a #NASAItern with @NASAIterns

Jordan Dabney
October 3, 2019
Wings out west baby!!! #GoERAU
When you sign up to take Embry-Riddle Worldwide’s Associate of Science in Engineering Fundamentals or the Bachelor of Science in Engineering Technology, you can do it with the knowledge that both degrees have earned the prestigious ABET accreditation.

ABET uses a rigorous peer-review process, developed by academic and industry professionals, to ensure students are getting the latest leading-edge education in technical disciplines where quality, precision and safety are vital.

“Once I started, I saw how this program was structured for working people. It was perfect because it allowed us to plan ahead and when I was flying, I could do it whenever I had time.”

Stacey Jackson (’16), Pilot, WestJet

That glider ride sparked a flurry of flying that landed Jackson in the captain’s seat of Dash 7 airliner — making her one of few women in the world to attain that rank. She flew in the Caribbean and later for the United Nations in Afghanistan and Africa before enrolling at Embry-Riddle.

“The program, the professors and the incredible network of professional people have really made all the difference, and it’s paid off in ways we couldn’t imagine.”

Stacey Jackson (’16), Pilot, WestJet

Students complete assignments, join discussions, study and ask questions on their own schedule. Courses are divided into nine-week-long modules. Classwork takes eight to 12 hours per week. Students manage their time and resources while earning their degree. Faculty members use technology and gamification to enhance your learning experience. Completing your degree online can save you money on tuition, fees, transportation and housing costs.

NEW!

Connect + Discover

Embry-Riddle Worldwide’s new virtual community allows students, faculty and staff to connect and collaborate from anywhere on any device, either online or through the eUnion app. Find groups based on common interests and get one-stop shopping for assignments, updates and so much more. eUnion makes your educational journey more fun, more connected — and more successful.

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“The online engineering program is continuing its growth and compounding the value and opportunities we can offer to our students.”

Dr. Ken Witcher, Dean, Worldwide College of Aeronautics

Both degrees offer the flexible, 100% online option especially well-suited for working professionals, students on the move or those who want to save money by starting their studies at home.
Students Innovate to Create Self-driving Car

When it comes to creating autonomous vehicles, the students from the Robotics Association at Embry-Riddle (RAER) stand alone. The group went head to head with 50 teams from around the world at the Intelligent Ground Vehicle Competition in 2019. The team came home with a first place in design and second overall in the Soft-Drive Challenges — a payoff for the long hours spent in the robotics lab.

“Our two teams include future aerospace, electrical and mechanical engineers, computer scientists, software developers and business leaders. They work together and experience being part of a group project that’s building a whole system,” said Dr. Charles Reinholtz, professor of mechanical engineering and faculty advisor for the team.

The competition required student teams to design and build fully autonomous robots to navigate complex on-road and off-road courses without human intervention, using advanced sensors such as GPS, LiDAR, computer vision, magnetometers and inertial measurement units to perceive and map their surroundings.

The vehicles must obey traffic signs and avoid obstacles while following a defined course or navigating through a series of GPS waypoints. Getting the machines ready for the contest took a year and required following an exhaustive 86-page book of competition rules.

“The students also work with automotive and defense industry sponsors who provide component hardware and advice, and in that way get an inside view of industrial design and opportunities for employment.”

Dr. Charles Reinholtz, Professor, Mechanical Engineering

The Robotics Association at Embry-Riddle is a student organization that supports seven collegiate robotics teams competing around the world with autonomous land, sea and aircraft. RAER also provides outreach and support to K12 students, inspiring them to pursue their own paths through STEM.
ATHLETIC TEAMS

WOMEN’S
- Basketball
- Cross Country
- Golf
- Outdoor Track
- Soccer
- Softball
- Volleyball

MEN’S
- Basketball
- Cross Country
- Golf
- Outdoor Track
- Soccer
- Wrestling

CLUBS & ORGS

190+ student clubs ranging from the Mountain Biking Club to Society of Women Engineers; and from the Blue Eagles Skydiving Team to the Brotherhood of Steel; as well as a variety of Intramural and Recreational sports.

SHE’S RUNNING CIRCLES AROUND HER COMPETITION

Ariana Anderson ('21) Aerospace Engineering major made headlines in 2019 by running a 5K race in 17:09:04, the fastest time in California Pacific Conference history, and she helped lead the Embry-Riddle cross country team to a ninth-place finish out of 31 teams at the event.

The blazing time also helped Anderson earn her second NAIA Runner of the Week award.

She later set a school record in a 6K event at the UC Riverside Highlander Invitational, running the distance in 20:36 and finishing second in the race.

As Embry-Riddle’s top female cross-country runner, Anderson is on track to be named the Cal Pac Runner of the Year for the second time.

Taking Care of Biz

Where can an Embry-Riddle business degree take you? If recent performances by students are any indication, the destinations are unlimited.

For the 13th straight year, the Phi Beta Lambda Business Club dominated the Arizona Leadership Competition, taking home 30 first-place honors and 46 top-three finishes in 50 events.

The yearly event, sponsored by Future Business Leaders of America, featured individual and team events in subjects that included Business Law, Ethics, Economics, Finance, Forensic Accounting, Management, Marketing and Social Media.

Nationally Recognized

It was the first College of Security and Intelligence in the U.S. Last year, five years after its creation, the National Security Agency and the Department of Homeland Security have designated it a National Center of Academic Excellence in Cyber Defense Education through 2024.

Not only does this prestigious designation help make your cybersecurity degree even more valuable, it also allows Embry-Riddle to apply for grants that can support student scholarships and research.

If you’re interested in wearing a white hat, this program will put you on the leading edge of cyber intelligence and cybersecurity, the first step toward a challenging and rewarding career defending cyberspace.

Staying Cyber Safe

People leave all kinds of things behind at hotels — including their identities.

Embry-Riddle Cybersecurity graduate Jessica Wilson (’19) made it her mission not only to find out what information is left in hotel business centers but also to raise awareness of the issue.

“Considering the amount of information I recovered, I don’t think hotel guests are aware of this problem,” she said. “If I were a hotel general manager, I would put up signs informing customers about safe data management practices and have hotel employees trained on proper data disposal.”

Jessica Wilson (’19)

For her project, Wilson worked with fellow graduates Dustin Tabangcura (’19) and Tristan Gilliland (’19) to collect business center data from 22 U.S. hotels in 17 states. They looked at how information was gathered and stored, working under the premise that “If a bad guy has unrestricted physical access to your computer, it’s not your computer anymore.”

Wilson said the senior capstone project helped give her and her team the practical experience and hands-on skills they will need to launch careers in the cybersecurity industry.

It helps to have a good song in your head. Sometimes I make up my own songs — and then I forget them.

ARIANA ANDERSON ’22
Aerospace Engineering
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Worldwide / Online Campus
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A DIFFERENT KIND OF EXPLORER
An Embry-Riddle student helps scientists search for brain disorder treatments in space.

NEW IN SECURITY & INTELLIGENCE
Public privacy problems — Student focuses on data protection

AND IN BUSINESS
Taking care of business — club dominates leadership competition — again

NEW IN ENGINEERING
Driven to succeed — Students design award-winning autonomous vehicle