Embry-Riddle
Aeronautical
University
Prescott, Arizona
You know what it means to dream big. Maybe you’ve been fascinated since childhood by the sky, or by planes, helicopters, and everything else that heads for the wild blue yonder. Maybe you’ve got a head for numbers and you’re ready to design and build things or run a business. Or you like to figure things out—from the science of weather to the mysteries of space physics. Maybe you want to create a more secure future for your country—and the world. Whatever your big dreams, you want an education that immerses you in hands-on experiences, where you learn by doing. You want training that puts state-of-the-art technology right in front of you, so you can make it your own. You want to learn from experts who bring real-world perspective to everything they do—professors who stick around after class and keep open office hours because they’re interested in teaching, coaching, and mentoring. You want a real college experience with cool places to live, a community to explore, sports. Maybe you’d like a beautiful slice of the great outdoors, or a historic Western town in the high desert, just two hours from the Grand Canyon. You’re searching for a unique environment. And you’ve found it: Embry-Riddle Aeronautical University. It’s time to look up.
“Our students leave here with real self-confidence because they have worked with faculty as mentors and have lots of hands-on experience. They know how to speak up and take charge.”

DR. TOM GALLY
Associate Professor, Aerospace Engineering

Hands-on Experience

What goes into a flight plan? How do you predict storm patterns? How do you assess the accuracy and veracity of intelligence reports? How do you design a research project, analyze data, report findings, and make recommendations to senior managers in a leading company? How do you master the latest and greatest in computer-aided design (CAD) and computer-aided manufacturing (CAM) software? What’s the first thing an air safety investigator scopes out at an accident site?

At Embry-Riddle, the answer to all these questions and more is simple: You learn by doing. Whatever your educational focus and career goals, we give you hands-on experiences. As Michael Gregory, Embry-Riddle’s program director for College of Aviation career services, says, “I talk to recruiters and human resources people all week long, and they tell me that they love our students because they are so much better-prepared. Our graduates arrive ‘job-ready.’ If you have Embry-Riddle on your résumé, you’re golden.”

Depending on the program you choose, hands-on can mean doing a field assessment of environmental issues, designing detectors to search for massive neutrinos (dark matter) in space, or serving on a NASA research project. If global security and intelligence are your focus, you can contribute to The Eagle Eye, a weekly intelligence newsletter distributed to think tanks, government agencies, scholars, and private corporations. Or if flying is what you’re all about, pursue the ultimate hands-on experience: Compete with the elite Embry-Riddle Golden Eagles, the university’s award-winning competitive flight team.
Detail Design

Aerospace engineers want to get things off the drawing board—or the screen—and bring them to life. Courses in detail design give engineers-to-be the opportunity to build and test what once existed only in their imaginations, whether they’re creating an aircraft or a space system.

“Can we build an autonomous helicopter that will fly, execute a pick-up 20 miles away, and return? We’re doing it, step-by-step.”

ERIC LINVILLE
Aerospace Engineering Major, San Jose, California

10 SURPRISES AT EMBRY-RIDDLE

1. 1:1 Flight Training
Whether it’s private pilot, multi-engine, or commercial, you’ll have the same instructor for an entire year. Continuity and focus count.

2. Clear Skies for Take-off
Look forward to 325-plus blue-sky days for flying. High-desert space is wide open between Prescott and Los Angeles, with just enough traffic and turbulence for good training.

3. Talk the Talk
You’ll be amazed at how quickly you become fluent in a new language when you teach Aviation English to Chinese pilot trainees or live in a 24/7 immersive environment.

4. Take a Hike
Join the Weather Club and hike side-by-side with faculty. Sometimes “office hours” are held on the side of Granite Mountain.

5. The Biggest Little Collection You’ve Ever Seen
Like things that fly? Check out the John W. Kalusa miniature aircraft collection—5,829 to-scale flying machines—carved, painted, and marked over the course of half a century.

6. A Master’s Degree in Aviation Safety
Get serious about safety at a university with an Aircraft Accident Investigation Lab and labs for industrial hygiene and ergonomics.

7. Top Secret and Top Gun
Both are available. Global Security and Intelligence Studies students go to work for the FBI, the CIA, and other national security agencies. Former Navy Top Gun pilots teach here.

8. No Teaching Assistants
Professors teach every class. And they hold 10-plus open-door office hours every week.

9. Galaxies Far, Far Away
Explore their mysteries (including gravity waves and colliding black holes) in space physics. Ask your fellow students about the secrets of the universe.

10. A Burger in Sedona
Go ahead. Check out a plane, grab a friend, and fly straight to Sedona. Land on the plateau. The burgers are on the grill, and flying makes you hungry.
Our Global Security and Intelligence Studies program is unique in the country. It's far beyond a criminal justice program. We go to Washington, D.C., and get briefed by the CIA, the FBI, and the National Security Agency. In our senior class, we immerse students in war games that pit the terrorists against intelligence analysts. This is a very exciting program.

JUDY SEGNER  
Program Manager, Advising and Career Counseling, College of Arts and Sciences

“Embry-Riddle students learn how to communicate, standing up in front of people and on paper. Expert professors review their presentations for both content and style.”

DR. RICHARD BLOOM  
Chief Academic Officer and Dean, College of Arts and Sciences
Lighter Than Air
Getting a jump start on your career is challenging, rigorous, and just plain fun in Professor Ron Madler’s Engineering 101 class. Each team gets the same robotics assignment: Using Lego NXT, build a lighter-than-air vehicle that can be attached to a giant red balloon. Using a Bluetooth-equipped computer, guide the vehicle remotely through a series of maneuvers—including flying over a table, slaloming through cones, dropping a bag of ping-pong balls in a bucket, and a grand finish under an arch. The vehicle is lighter after it drops the balls, so you’ve got to master some tricky programming to maneuver through the arch. Next thing you know, you’re an engineer-in-the-making.

Hands-on Engineering
Aerospace, mechanical, electrical, computer—whatever engineering discipline calls you, there’s an Embry-Riddle approach that works. Experimentation is at the heart of what we teach, so you’re immersed in practical engineering, as well as theory. It all adds up: Embry-Riddle is accredited by the Engineering Accreditation Board for Engineering and Technology, and our non-master’s engineering programs, in Prescott and at sister campus Daytona Beach, rank third and first in the nation, respectively.

Get Fluent
If you’re going to be a global citizen, it helps to have an extra language in your skill set. Thinking strategically about languages, Embry-Riddle has built strength in key areas—Modern Arabic and Mandarin Chinese. Intensify your classroom and language-lab experiences with one of our Foreign Language Summer Institute five-week programs. Choose from two packages: an Enrichment approach, which addresses the needs of the traveler or international businessperson, and an Academic approach, which deepens competency and comes with six units of academic credit.

Sleuthing for Answers
At the Robertson Aviation Safety Center Accident Investigation Laboratory, sharpen the critical skills of observation, analysis, testing, and more while you find out what happened and why. There’s an in-the-field investigation lab for studying actual crash sites. Crashes are documented in detail on-site, and parts are shipped to Embry-Riddle, so the accident scene can be recreated identically. You’ll learn by doing—accumulating evidence, searching for clues, and integrating all the information to assess root cause.

Models, Models Everywhere
Inside the Aerospace Experimentation and Fabrication Building, or AXFAB, you’ll use stereolithography machines to produce models you’ve designed with Catia 3-D software. Here’s how our model-making machines work: Plastic wire is melted on a plate, with water-soluble supports, to create your model parts. When the parts come out of the machine, you submerge them in water to dissolve the supports, and presto! You’re left with only the parts. Assembling is easy. And plastic parts mean models are strong enough for wind-tunnel testing.

The Real Deal
Get to know the ins and outs of rapid prototyping printers. Within just a few hours, you can create 3-D plastic models using CAD (computer-aided design), build a prototype, test it, and fly it in the Embry-Riddle wind and smoke tunnels.

Prototypes for Tomorrow
Take a closer look in the wind-tunnel room. One of these tunnels was built by students as a senior project in the machine lab. The work you design, prototype, and test today may be used by the next generation of students who follow you.
State-of-the-Art Technology  Embry-Riddle gives you access to the best facilities, the latest technology, and the strongest learning environment possible. You’ll find specialized labs of every variety—circuits and electronic devices, power and electronics, communication, thermo-fluid, propulsion, and airway science. For aviation students, our resources for real-life, real-time training are among the best in the world—new-generation G-1000-equipped Cessna 172s and Piper PA-44 Seminole twin-engines. Every training aircraft is equipped with Automatic Dependent Surveillance-Broadcast (ADS-B), a system that outperforms radar—working at low altitudes and on the ground in remote and mountainous areas. Our simulation devices are the most advanced of any U.S. university program, giving you move-by-move, minute-by-minute feedback—essential preparation for a confident, safe career in the air. Meteorology and a deep understanding of global climates are also critical to many disciplines. With the computer resources of Embry-Riddle’s state-of-the-art Weather Center at your fingertips, you’ll learn to assess whatever nature sends your way, from severe thunderstorms and tornadoes to cyclone fronts and jet streams. Radar, radiosonde systems, and computerized weather maps and graphics round out the resources. And the Embry-Riddle Observatory, with its astronomical telescopes, gives space physics students the resources to learn, conduct research for publication in professional journals, and just explore galaxies hundreds of light years away.

“We have the strongest machine vision lab in the country, developing systems that use cameras, computers, and robots to conduct visual inspections. And undergrads are the ones who publish and develop the patents. The engineering facilities here are really top-notch.”

DR. MILTON “CHUCK” CONE
Department Chair, Electrical and Computer Engineering
“In the last few years, we have invested millions in our facilities, and right now they are as good as they get in this country. Our goal is not just to transfer information but to get students to create new knowledge.”

DAN CARRELL
Executive Vice President and Chief Operating Officer,
Embry-Riddle Aeronautical University

“NASA donated our charged coupled device (CCD) debris telescope. It’s optimized for tracking rapidly moving near-Earth objects, such as satellites and space debris, as well as asteroids.”

DR. BRIAN RACHFORD
Assistant Professor, Physics

“The coolest class is forensics, and my favorite lab is ballistics. Using a rare, expensive piece of equipment, the comparison microscope, you can look at two samples at the same time at 400x magnification. In one exercise, we had to identify a shooter from a group of suspects by looking at bullets fired from their guns. We made a match to the bullet by comparing five points—breech marks, lands, grooves, striations, and twists. It was really fun. Now, as I apply for internships, the hands-on technology experience I’ve had at Embry-Riddle is a big asset. I can use my lab experiences for essays on the applications and attach the abstract from my thesis. Not many college students end sophomore year with a completed thesis.”

BRITTANY MURILLO
Global Security and Intelligence Studies, Yakima, Washington
Take the Controls

Build skill, judgment, and experience in one-on-one sessions with instructors in the flight simulators. Embry-Riddle boasts one A-320 and six small-plane simulators, plus a crosswind simulator/trainer. A 220-degree view gives you instant-by-instant feedback on the plane's response to your moves. Time in the simulator counts in the logbook toward your total hours at the controls.

“Simulators are more sensitive than airplanes. Master a maneuver in the simulator, and it will be easier in the air.”

D.J. Cassady
Flight Simulator Technician
You’re in Charge

There are only a handful of FAA-approved air traffic control programs in the country, and Embry-Riddle offers one of them. Our air traffic control simulation lab, designed and built by students, includes technology that lets you test your air traffic control skills with people using flight simulator computers—in Embry-Riddle classrooms, in the dorms, and around the world. Best of all, you’re taught by faculty who know this world inside and out, all with years of experience.

Why Does it Fly?

Julie Falsken, aviation business administration major, safety minor, Ontario, California, and Ernesto Vélez-Sanchez, aeronautical science major, Costa Mesa, California, explore basic aeronautical principles as they test the durability of a model wing in the wind tunnel. Says Julie, who’s on the soccer team, “The best part of being here is working with everyone who shares your interests.”

10 TOP FACILITIES

1. AFAB
From the iconic propeller on the outside wall to the engine lab (learn to start a turbo jet engine or the bigger, faster ram jet engine), experience aerospace experimentation and fabrication technology from the inside out.

2. Weather Station
Weather radar, balloon launcher and tracker, multistack tower, weather cam, temperature and humidity sensor, solar downward flux of radiation measure, pressure gauge—we have what you need, whether you’re monitoring flying conditions or assessing global environments.

3. ADS-B Lab
Sit at a station, grab a joystick, then listen and respond as fellow students at the Flight Line simulate air traffic control. Embry-Riddle was honored with the National Aeronautic Association Collier Trophy for its role in pioneering the use of this technology.

4. Campus Observatory Complex
Check out the Schmidt-Cassegrain telescope and the CCD Debris Telescope and Radio Observatory. These telescopes perform research-quality brightness measurements of stars, and capture real-time shots of astronomical objects. Smaller, portable scopes come out for public observing sessions.

5. The Space Systems Lab
Inside, aerospace engineering students use 3-D air-bearing systems to simulate control of spacecraft, use vacuum chambers to experience the space environment, and can send and receive signals from space through a ground-based communications system.

6. Robertson Aviation Safety Center 1
It’s home to the Department of Safety Science and the director of the crash laboratory. It’s also close to the aircraft accident scenes reconstructed for students to study and analyze. Loft fans will recognize the center, which was featured in the Season Four DVD package.

7. Tracy Doryland Wind Tunnel Laboratory
Get ready for reality. Labs include Aerodynamics, housing four wind tunnels; Propulsion, with a micro-turbojet for studying advanced propulsion; and ThermalFluid, demonstrating fluid flow.

8. King Engineering and Technology Center
Engineering is all about design-build-test. And students have access to every resource needed to bring that process to life, including a design suite for autonomous vehicles, communications, control theory, and power labs, and a freshman engineering lab to explore different disciplines.

9. The Student Union
Hang out with friends and get a snack. Play ping-pong, video games, pool, and football. Play a piano or tune on the big-screen TV. Watch Top Gun or Pushing Tin; you’ll know all the lingo.

10. Udvar-Hazy Library and Learning Center
A library, really? This one is. Whatever you want to know, it’s here. You’ll find special collections of NASA and National Technical Information Service (NTIS) technical reports, aviation and aerospace history, professional journals, multimedia resources, personalized research assistance, and lots of spaces to get away from it all.
Mentors, Coaches, Colleagues, Friends That’s how you’ll see faculty at Embry-Riddle. They’re all smart, seasoned professionals, who bring extensive experience in their chosen field to the university. And, unlike instructors in many other college or university settings, they all put a love of teaching as their first priority. How do you know? They’re available in their offices at least 10 hours a week, so you can drop by. They advise clubs and create opportunities to introduce you to their professional networks. Marissa Pinnola came from Kenosha, Wisconsin, to pursue a double major in aerospace engineering and mechanical engineering. She’s also a student government representative, and says, “The best part of Embry-Riddle is the one-to-one time with professors. I know all my professors on a first-name basis.” Mark Sinclair, professor of applied meteorology, agrees. “I came from New Zealand for this job,” he says. “I love teaching, and it’s great when our students learn important concepts here and go on to become productive citizens.” In fact, he confesses, “We have a lot of fun with our students and treat them like family. The beauty of our applied meteorology program is that students must achieve a certain level of academic rigor and they have to learn why they need to know the material.” Whether it’s helping you apply for a research grant or an internship, opening doors to colleagues in leading industry companies, or spending extra time to deconstruct a complex concept, Embry-Riddle faculty members are extraordinary mentors.

“Our students benefit tremendously from the experience of faculty members who aren’t just speaking from a book. Folks here have competed in aerial firefight, piloted Emergency Medical Service flights, served in law enforcement, piloted shuttles, flown on and off oil rigs.”

JAMES DIRIENZO Visiting Assistant Professor, Helicopter Flight Program

Watching the Weather Applied Meteorology Professor Curtis James and Whitney Cashman, aeronautical science major, from Phoenix, Arizona, explore supercells as tornadoes move across Georgia. Blue is for ground clutter, pink and magenta for wind velocity, and pink and yellow for jet stream analysis.
“The faculty members here are not ivory-tower theorists. These are people who spent long periods in the field and they know how to get it done. We even have a situational emergency course to train students to handle situations like the historic landing on the Hudson River in 2009.”

RAY BEDARD
Associate Professor, Aeronautical Science
“As president of the Embry-Riddle chapter of the American Association of Airport Executives, I’ve been able to visit many major airports, meet with airport directors, and get behind-the-scenes tours, thanks to a vast alumni network. From every tour or conference, we bring back internship opportunities.”

PAUL BOBSON
Aviation Business Administration Major, Marion, Indiana

“I want to be a commercial pilot, but I’m also a stand-up comedian, a writer—and a resident assistant. The people who taught me showed me how to build relationships. Now, I like to take students I work with on camping trips.”

GREG FLOYD (right), Aeronautical Science Major, Albuquerque, New Mexico, with Instructional Pilot MILES YOST
Getting Corporals

Embry-Riddle’s aviation business administration alumni are a recruiter’s dream. They develop critical thinking and decision-making abilities. They know how to lead and how to function as team members. From research projects with faculty in government or private industry to internships with dynamic businesses, they’ve made their mark. And they leave with strong finance, management, leadership, law, accounting, and organizational development skills. No wonder members of Phi Beta Lambda, the business club, have consistently swept top honors in statewide competitions.

Scholarly Sanctuary

Whether you’re exploring cosmology or researching a paper for your Comparative Religions class, mastering Arabic or prepping for an astrophysics exam—sometimes you need a quiet place to dig deeper. Clancy Delange, aviation business administration major, Truckee, California, (who also happens to be president of the Student Government Association and on the soccer team) likes this serene setting in the Udvar-Hazy Library and Learning Center, which is packed with constantly updated learning resources. Need a break from studying? Check out the periodicals and paperbacks. Studying the history of aviation? Librarians can help you explore special items in the Aviation & Aerospace History Collection.
Unique Environment  Welcome to one of the most picturesque settings in the Old—or New—West. Embry-Riddle’s expansive 539-acre campus is in the high desert, at 5,350 feet in Arizona’s Bradshaw Mountains, where dramatic landscapes and spectacular weather call you outdoors. Hike, climb, mountain bike, kayak, ride—and you’ll do it all under very blue skies more than 325 days a year. Six lakes, hundreds of miles of trails, pine forests, and places to camp let you get away from it all. The nearby city of Prescott, once the capital of the Arizona Territory, is the seat of Yavapai County and home to a lot of history. One of Teddy Roosevelt’s famed Rough Riders commanded the Prescott troop, and a life-sized statue of him stands in front of the Yavapai County Courthouse. This is also home to the World’s Oldest Rodeo®, and an active arts community, with plenty of culture and cuisine for every palate—from Southwestern to Asian to old-fashioned barbecue. If you crave some new scenery, the splendor of the Grand Canyon and the big-city lights of Las Vegas, Phoenix, and Los Angeles aren’t far away.

“There’s a legend about lost gold buried in the Granite Dells, just 4 miles north of Prescott. But for now, the real gold is climbing granite in the morning with the western sun reflecting off Watson Lake.”

CARLOS GAXIOLA
Electrical Engineering Major, Goodyear, Arizona

Climb up! If you’re already a seasoned climber, you’ll find plenty of company. And if you’d like to learn, there’s no time like the present, with classes, clubs, and coaching available for the novice. The view from the top is well worth the climb. Take a deep breath and look out over lake views, granite cliffs, ponderosa, scrub brush, and up in the distance, the San Francisco Peaks.
“Air Force ROTC gave me opportunities I wouldn’t have had otherwise. Visits to Air Force bases, practicing dogfights in an F-16 simulator, working with veterans in our community—it’s been a great experience.”

ROBERT J. WILSON
C/Col, AFROTC, 28th Cadet Wing Commander, Aerospace Engineering Major, Chantilly, Virginia

“Embry-Riddle’s Golden Eagles are top competitors. We’ve taken home national championships in seven of the last 15 years. The trophy case at the Flight Line is packed—and we like it that way.”

GRANT CULVER
Golden Eagles Team Member, Aeronautical Science Major, Quincy, California

“I love Prescott and the Prescott campus. This is like a home environment—the students, the faculty, the staff. And it’s a great small-town setting with lots of interaction between students and residents, and lots of opportunities to network with local businesses and pilots. I’m very involved in intramural sports, playing flash ball (like Ultimate Frisbee but with a football). It’s a great way to relax your mind after a day of flying, classes, and work. There are playoffs at the end of each semester and the winner gets bragging rights around campus. The weather is outstanding, so we play all year round. It’s pretty perfect here in Arizona.”

MICHELANGELO "MICKY" DARBOUZE
Aeronautical Science, Tucson, Arizona
Settle In
Embry-Riddle is the kind of place where you can make yourself at home. Find a favorite study chair in the library, complete with a view. Make friends and explore downtown Prescott for pizza, a concert, or a triple-decker ice-cream cone. Oh, one thing—locals call the town “Preskitt,” not “Prescott.” Now you know.

Clubs for Everyone
After class, after labs, what’s happening on campus? Plenty. More than 90 student clubs and organizations give you a chance to have fun, network in your profession-to-be, sharpen skills, explore interests, develop leadership abilities, and make friends. Check out a sampler of organizations below. Want to know more? Visit the Student Life section at www.erau.edu/pr.

Campus Service
Board of Campus Activities
Riddle Radio
Student Government Association

Honors Societies
Mortar Board National Honor Society

Religious
Catholic Club
Chi Alpha—Christian fellowship
Jewish Student Association

Cultural
International Students Association

Military
Army Ranger Challenge Team
Falcon Club
Silver Wings
Strike Eagle Drill Team

Professional
AAAE—Airport Executives
AIAA—Aerospace and Astronautics Institute
IEEE—Electrical Engineers
IAASI—Air Safety Investigators
Phi Beta Lambda—Business Leadership
SWE—Women Engineers

Social Greek
Fraternities—Sigma Alpha Epsilon, Sigma Chi, Sigma Pi, Sigma Tau
Gammas, Theta Xi
Sororities—Alpha Sigma Tau, Alpha Xi Delta

What’s Your Pleasure?
Meet up with friends on the county courthouse steps and go for coffee. Sample the ethnic cuisine of the moment—chow down on mu-shu or a big, fat deli sandwich. Catch the latest touring band. Explore the art galleries and shops in colorful Prescott. It’s your night out on the town, and the historic Wild West awaits you.

Team-building Exercise
Intercollegiate sports (men’s and women’s soccer, men’s wrestling) and women’s volleyball attract serious athletes for the location, the competition, the education, and for many, scholarships. Nearly half the students on campus compete on 16 intramural and six club sports teams. Embry-Riddle has turned out NAIA All-Americans like wrestler Travus DeGroat, and whether you’re an athlete or not, you’ll take pride in the Eagles and Lady Eagles. Best of all, whatever your sport—golf, tennis, baseball, Ultimate Frisbee—you’ll have plenty of friends when you’re ready to play.

Intercollegiate Athletics

Men’s wrestling
Women’s volleyball

Club Sports
Archery
Bowling
Fencing
Lacrosse
Men’s volleyball
Skiing
Running
Softball

Intramural Sports
Badminton
Basketball
Cricket
Dodgeball
Flashball
Floor hockey
Golf
In-line hockey
Racquetball
Soccer
Softball
Tennis
Ultimate Frisbee
Volleyball

Women’s soccer

Women’s soccer
t’s time to check your aspirations. If you’re interested in the science, the business, or the experience of flight—from engineering and global security to space physics and meteorology, from piloting to air traffic control—Embry-Riddle could be the place for you. Think of us as the launching pad for your life and your career, offering a wide range of majors, minors, and concentrations to match your interests. And did we mention unparalleled access to technology, plus immersive learning options, on campus, around the country, and around the world? Simply put, Embry-Riddle offers you more. Our dynamic campus community welcomes you to a real college experience, with memorable adventures and friendships for life. If you’re looking for research or internship opportunities, leading companies and government agencies are open to you. And when you’re ready to hunt for a job, faculty members—well-connected in their fields—and our network of industry leaders and distinguished alumni are there for you. These are just a few reasons our graduates go virtually anywhere they want, becoming pilots, astronauts, Fortune 500 CEOs, intelligence professionals, and others at the top of their fields. If ambition is your middle name, if you aim to learn more, do more, be more—then give Embry-Riddle a closer look.

Admissions

HOW TO APPLY
If Embry-Riddle inspires you to look up for exciting learning opportunities, your next step is to apply for admission. You can apply online, download and print the paper application, or call us at 1.800.888.ERAU (3728).

WHEN TO APPLY
We recommend that first-year, residential campus students apply for admission in the fall of their senior year in high school. Transfer students should apply no later than Aug. 1 for the fall semester. International applications will be accepted up to one year prior to the expected enrollment date.

REVIEW PROCESS
We evaluate applications on a rolling basis and notify students of their admission status after all documents have been submitted. Once your application is complete, you can register for ERNIE, the Embry-Riddle intranet. You’ll receive your own personal portal and an Embry-Riddle Webmail account, so you can check the status of your application online and receive messages from us electronically.

TRANSFER STUDENTS
Embry-Riddle welcomes transfer students at the freshman, sophomore, or junior level. Your cumulative grade point average must be at least 2.5 if you’re interested in pursuing any of our engineering degree programs. To learn more about admission policies for transfer students, visit www.erau.edu/pr.

GRADUATE STUDENTS
Embry-Riddle offers a graduate program in safety science. To learn more about admission to this program, visit our Web site or call us at 800.888.3728.

INTERNATIONAL STUDENTS
Embry-Riddle’s unique aeronautics and aerospace-focused degree programs attract students from all around the globe. In fact, we typically have students from 40 countries. Our Center for International Programs and Services (CIPS) offers a variety of services for international and study-abroad students, including immigration and visa advising, events, study-abroad information, a study center, and a lounge. We also cooperate with ELS Language Centers to help students fulfill their English proficiency requirement. If you meet all other admission criteria besides the Test of English as a Foreign Language (TOEFL) requirement, we can admit you conditionally while you study English with ELS Language Centers. Upon completion of ELS Level 112, you can be fully admitted to begin your studies at Embry-Riddle.

ROTC
Reserve Officer Training Corps (ROTC) is a four-year college elective program that trains students to become Air Force or Army officers. Many Embry-Riddle students enroll with ROTC scholarships, which may cover all or part of tuition, fees, and books, along with a monthly allowance. Some ROTC scholarships are awarded to students after completion of their first year.

VETERANS
Embry-Riddle welcomes U.S. veterans looking to expand their horizons. Our degree programs are approved by the appropriate U.S. Department of Veterans Affairs (DVA) agency in each state for enrollment of persons eligible to receive education benefits from the DVA. To learn more, contact our Veterans Certifying Official or our Director of Financial Aid, 928.777.3762.

CAMPUS LIVING
Three residence complexes engage you in campus life and build a strong sense of community among Embry-Riddle students. All freshmen are required to live on campus, making the first year a time when great friendships take shape and you really get to know what Embry-Riddle has to offer. On-campus residential opportunities range from freshmen-only residences with traditional suites to apartments for upperclassmen. All students living in residence halls have access to ResNet, which gives you Internet access via a 10/100 Base-T Ethernet network. Ports and cables are provided. Once you’ve registered, you can surf the Internet, send e-mail, research project information, and share files. To learn more about housing options and amenities, visit the Housing & Residence Life section of www.erau.edu/pr.

Daytona Beach Campus
Our campus in Daytona Beach, Florida, is located near Daytona Beach International Airport, less than 15 minutes from the water. The 185-acre campus serves approximately 5,000 students and offers multiple undergraduate degrees, graduate degrees, and programs that combine bachelor’s and master’s degrees in a five-year accelerated process. The Daytona Beach campus supports approximately 150 student organizations and clubs, Army, Air Force, and Navy ROTC; intercollegiate athletic teams including men’s basketball and women’s volleyball, and many intramural teams, and club sports.

VISIT US
What’s the best way to decide whether Embry-Riddle is right for you? Explore for yourself! But first, you need to schedule your visit. The best time is during the academic year, Monday through Friday, when students and faculty are here. You can see classes and labs in session, talk to students and professors, sample campus dining, and check out residence halls. You can schedule your visit on our Web site—www.erau.edu/pr.

APPLICATION CHECKLIST
☐ Submit your application.
☐ Send transcript or GED scores.
☐ Send ACT and/or SAT scores.
☐ Submit $50 nonrefundable application fee.
☐ Submit two letters of recommendation.
☐ Write an admission essay and send your resume (optional).
☐ Register with ERNIE to receive Embry-Riddle Webmail and chat online with students.
☐ Schedule a visit.
College of Arts and Sciences
Since 1978, Embry-Riddle's Prescott campus has put the “universe” in university. Our College of Arts and Sciences offers courses in the humanities, communication, physical and life sciences, social sciences, mathematics, economics, business, security and intelligence studies, and military science. And with a student-to-faculty ratio of 14:1, you’ll be sure to receive the personal attention and educational enrichment that will lead to a successful career in industry or government.

BACHELOR’S DEGREES

Degree: Aviation Business Administration
Features: Gain the well-rounded background essential for success in the aviation business world. Choose from among concentrations in aviation management, airport management, airline management, international air transport management, flight operations, and general management.

Degree: Aviation Environmental Science
Features: Want to tackle bird strikes, equipment fatigue, and other environmental and safety challenges in the aviation and aerospace industry? Whether you choose to study applied environmental science or environmental management, this unique program provides the knowledge and technical skill you will need to work with industry clients, as well as businesses and local government agencies, on critical environmental issues.

Degree: Global Security and Intelligence Studies
Features: This comprehensive curriculum covers technical, political, and economic security issues, as well as international criminal justice systems and law enforcement. Develop the problem-solving and critical-thinking skills needed to deal with crucial global concerns: terrorism, information warfare, transportation security, illicit-trafficking networks, natural disasters, widespread epidemics, international crime, and homeland security.

Degree: Space Physics
Features: Explore the fundamental forces of nature through experimental investigation of atomic, nuclear, and elementary particle systems. Study the “micro” and “macro” universe through high-precision detectors, then prepare for a successful career in space- and aerospace-related industries.

Degrees: Internationally

Degree: Interciplinary Studies
Features: Start with core courses in the humanities, geography, international studies, philosophy, ethics, and psychology. Then combine any three minors from the classes offered in our other degree programs—air traffic control, business administration, aviation safety, weather, computer applications, mathematics, and space studies, just to name a few.

College of Aviation
Whether you’re interested in airline or airport management, flight operations, environmental and safety issues, or simply learning to fly, Embry-Riddle’s College of Aviation has the curriculum to prepare you for a career in an exciting field. With top-notch flight training and a strong business or environmental foundation, our graduates are always in demand for crucial industry and government positions.

Degree: Aeronautical Science
Features: Prepare for a career as an airline, military, or corporate pilot—or even an astronaut. The most advanced flight-training curriculum of any university in the world includes rigorous academic study, as well as extensive work in the most sophisticated aircraft and simulators anywhere.

Degree: Aeronautics
Features: Developed specifically for people who work or have worked in aviation careers, the curriculum builds upon your knowledge, skill, training, and experience. Required and elective courses in business computer science, economics, communication, humanities, and social science, among others, can lead to career growth and increased responsibility.

Degree: Air Traffic Management
Features: Experience hands-on learning at the forefront of the industry, actively participating in your curriculum within our state-of-the-art air traffic control (ATM) lab. From day one, you get unrivaled, detailed training as you work with faculty and fellow students who have pioneered advancements in ATM technology. As a graduate of the program, you’ll be qualified to fill FAA air traffic control specialist positions. And you’ll enjoy a competitive advantage, having emerged from one of only a handful of training schools under the FAA Collegiate Training Initiative.

Degree: Applied Meteorology
Features: Everybody talks about the weather—you could predict and interpret it. Study and simulate atmospheric and climatological conditions as you prepare for a career in aviation and aerospace, radio and television, or business and government operations. Our modern academic complex has computer-equipped classrooms, a synoptic lab and weather center, and a variety of rooftop weather-observation equipment.

College of Engineering
Embry-Riddle’s comprehensive, top-ranked engineering program provides a hands-on, lab-based education with an emphasis on mathematics, engineering science, and engineering design. With an average class size of 21 students, you’ll get to know your professors and your fellow students as you work on individual and team projects. Our College of Engineering’s faculty is dedicated to creating engineers for the 21st century, without forgetting the lessons of the 20th century.

Degree: Aerospace Engineering
Features: Recognized by U.S. News and World Report as the nation’s premier program, Embry-Riddle’s aerospace engineering program is the largest in the United States. The curriculum provides you with specific aerospace design skills and broad exposure to theory, modern analysis, measurement, and communications and computational techniques. Working with a revolutionary stereolithography laser-modeling process, you’ll mold a prototype, test it, and fly it in our wind and smoke tunnels.

Degree: Computer Engineering
Features: Prepare for life and work in the 21st century with this curriculum’s emphasis on information technologies. With a broad background in computing machinery, programming languages, circuit design, embedded control systems, real-time systems, and software engineering, graduates of this program will always be in high demand.

Degree: Electrical Engineering
Features: Explore circuit theory, communication systems, computers, control systems, electromagnetic fields, energy sources and systems, materials, and electronic devices—all with an emphasis on design. In your senior year, you’ll team with students from our aerospace and software engineering programs to build an aerospace system or subsystem.

Degree: Mechanical Engineering
Features: Study the latest technology, including robotics and high-performance vehicles. Balance theory and practice, encompassing aerodynamics, structures, propulsion, controls, materials, instrumentation, electronic fundamentals, computer applications, and design.

MASTER’S DEGREES

Degree: Master of Science
Features: Prepare for life and work in the 21st century with this curriculum’s emphasis on information technologies. With a broad background in computing machinery, programming languages, circuit design, embedded control systems, real-time systems, and software engineering, graduates of this program will always be in high demand.

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AVERAGE ADMITTED CLASS:

STUDENT PROFILE

Students come from 40 countries and 48 U.S. states, plus Guam, the U.S. Virgin Islands, Puerto Rico, and U.S. military bases around the world.

ACT SCORE
mid-50 percent: 22-28

SAT SCORE
mid-50 percent: 1030-1260

AVERAGE HIGH SCHOOL GPA
3.52