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hen it comes to teaching the science, practice, and business of aviation and aerospace, the name of one institution echoes throughout the world—Embry-Riddle Aeronautical University.

Our curriculum is developed and delivered by the brightest minds in the aviation world. Year after year, our graduates go on to become aviation's greatest leaders, visionaries and success stories. And now, aviation and aerospace professionals based in Asia have access to our unparalleled training and professional development programs.

**Welcome to Embry-Riddle Aeronautical University.**





# A LONG TRADITION OF AVIATION EXCELLENCE

**T**he world's largest, oldest and most comprehensive institution specializing in aviation and aerospace was founded in 1926. With residential campuses in Daytona Beach, Florida and Prescott, Arizona and a network of more than 130 locations in the United States, Europe, and Online, the university is a truly global educational institution. Established in 2011, the Embry-Riddle Asia Campus in Singapore provides solutions to the region's growing workforce needs through flexible learning platforms.

## Accreditation

Embry-Riddle Aeronautical University is regionally accredited in the United States by the Southern Association of Colleges and Schools Commission on Colleges\* (sacscoc.org) to award degrees at the associate, bachelor, master and doctoral levels.

With more than 34,000 students enrolled in our programs today and over 130,000 alumni, Embry-Riddle is a worldwide family of leaders in the aviation and aerospace industry.

34,000

## Studying in Singapore

Undergraduate and graduate degrees in aviation business administration, aeronautics, engineering and aviation at Embry-Riddle Asia will prepare you to effectively respond to the challenges facing Asia's growing aviation industry.

Based in Singapore, Embry-Riddle Asia offers full and part-time programs for secondary and higher secondary graduates and undergraduates interested in graduate programs. Bachelor's and master's degrees are offered both in the classroom for those wishing to study in Singapore and online for those interested in studying close to home.

Take advantage of a world-class aviation and aerospace education without having to leave Singapore.

**Your future awaits.**  
**asia.erau.edu**

**Embry-Riddle students in Asia earn the same degree as their counterparts at our U.S. and Europe campuses. They benefit from the same knowledge, qualifications and competitive advantage that comes with an Embry-Riddle diploma.**



*My Embry-Riddle education makes me more knowledgeable, and it puts me ahead of my colleagues because very few people I work with have aviation management degrees. The structure of the program and the different learning modes offer me the flexibility to manage my time more easily.*

**CHEE SEN LIM** '13  
**MBA IN AVIATION**  
SECOND OFFICER,  
SINGAPORE AIRLINES

\*Southern Association of Colleges and Schools Commission on Colleges:  
1866 Southern Lane, Decatur, GA 30033-4097; 404-679-4501



# REACHING NEW HORIZONS IN AVIATION EDUCATION

**T**he emerging aviation markets of Singapore and Southeast Asia are growing faster than any other aviation market in the world. Embry-Riddle Asia was established to prepare local aviation professionals for the challenges and opportunities that accompany such rapid expansion.

Our growing presence in Asia continues our university's long-standing history of providing focused educational programs and a dynamic, hands-on learning experience. In addition to expanding their industry knowledge, students will cultivate their management abilities, learn practical workplace strategies, and develop the professional skills they need to thrive in a global community.

*Throughout my years of learning, I've been in engineering, so I knew nothing about the economics of aviation. But in my last Embry-Riddle class, I learned how people manage airports and how airlines plan their flight schedules. It is really eye-opening to go beyond my technical knowledge. An MBAA from Embry-Riddle will propel me and allow me to reach my goals.*

KEVIN LI '14  
MBA IN AVIATION  
CUSTOMER PROGRAM MGR.,  
GE AVIATION

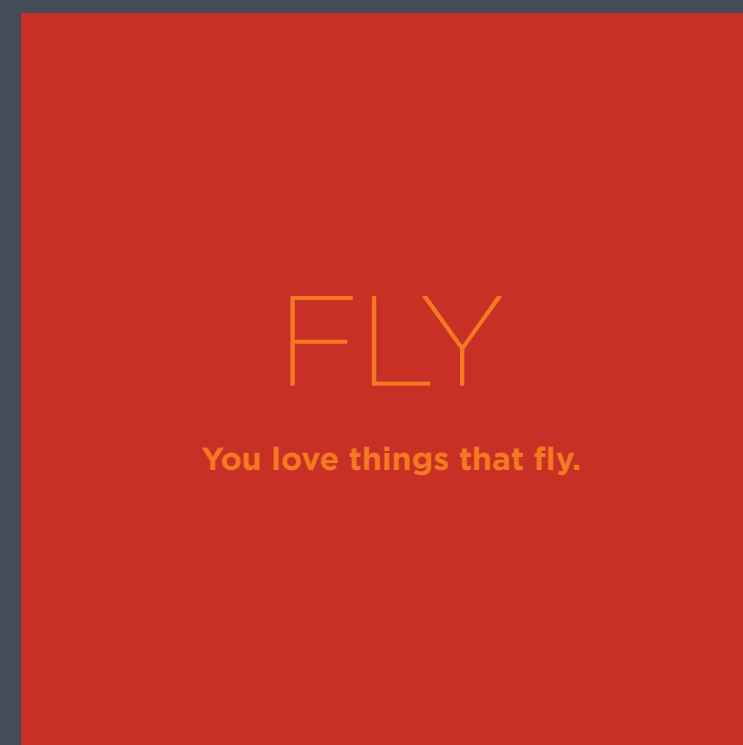






# LEAD

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



You love things that fly.



# EXPLORE

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







## Market Forecast

A 20-year industry forecast predicts that by 2036, an additional 1.9 billion annual passengers will be transported to, from and within Asia Pacific, giving it an overall market size of 3.2 billion.

International Air Transport Association



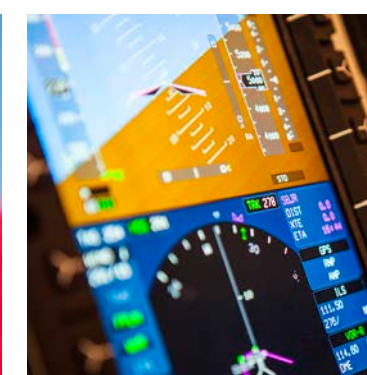
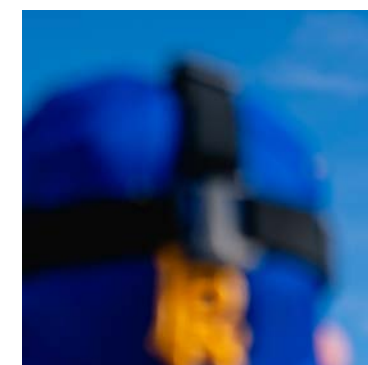
# AN UPWARD TREND

**T**he Asia Pacific region will have the greatest global demand for new commercial airplane deliveries and new civil aviation support personnel over the next 20 years, according to the 2018 Boeing Pilot & Technician Outlook Report. While Embry-Riddle is positioned to support the educational needs of future aviation industry leaders, organizations throughout Singapore are moving quickly to increase productivity and innovation. The Civil Aviation Authority of Singapore, for example, is dedicating resources to encourage sustainable innovation at Changi Airport. Major companies like Rolls Royce, Pratt & Whitney, GE Aviation, Airbus and Boeing have identified Singapore's significant role in the international aviation community and have established operations here.

## Research

Research at Embry-Riddle Aeronautical University examines the past, present and future needs in the aviation and aerospace industry. Faculty and students are developing innovative solutions and operational efficiencies for industry and government partners with global impact.

**Embry-Riddle partners with private and public entities to assist in developing solutions to today's and tomorrow's aeronautical and aerospace problems. Here at the world's largest aviation-oriented university, our focus on applied research is unique.**



## Programs

In Singapore's thriving aerospace and aviation industry, knowledge is power. We offer part-time programs for working professionals looking to learn more on a particular subject and those hoping to get a promotion or start a new career path. Full-time programs are offered for younger students looking to finish a degree before entering the workforce.

No matter which program you choose, you can benefit from having a degree backed by the Embry-Riddle name and everything it stands for – leading-industry knowledge, advanced research, faculty who are also industry professionals, partnerships with globally renowned companies and lifetime affiliation with Embry-Riddle graduates as passionate about aviation and aerospace as you are.

**Embry-Riddle offers the following undergraduate and graduate level programs in Asia:**

### Undergraduate (Part-Time or Full-time)

- ▲ B.S. in Aeronautics
- ▲ B.S. in Aviation Business Administration
- ▲ B.S. in Engineering

### Graduate (Part-Time or Full-time)

- ▲ M.S. in Aeronautics
- ▲ MBA in Aviation

### Postgraduate (Part-Time)

- ▲ Ph.D. in Aviation

Visit [asia.erau.edu/degrees-programs](http://asia.erau.edu/degrees-programs) for more information.

## Online Courses

At Embry-Riddle Online, earning your degree can be achieved virtually anywhere. We understand most adults have busy lives and face unique challenges while earning a degree. We are here to help you overcome those challenges so you can focus on your education. **Choose from our many online degrees:**

- ▲ Aeronautics
- ▲ Aviation Business Administration
- ▲ Aviation Maintenance
- ▲ Aviation Security
- ▲ Communication
- ▲ Emergency Services
- ▲ Engineering Management
- ▲ Engineering Technology
- ▲ Information Security & Assurance
- ▲ Leadership
- ▲ Logistics & Supply Chain Management
- ▲ Management
- ▲ Management Information Systems
- ▲ Occupational Safety Management
- ▲ Project Management
- ▲ Systems Engineering
- ▲ Technical Management
- ▲ Transportation
- ▲ Unmanned Systems

Visit [asia.erau.edu/degrees-programs](http://asia.erau.edu/degrees-programs) to see our complete list of Course offerings.



EXPANDING A TRADITION OF EXCELLENCE

ASIA.ERAU.EDU







# #1

## Top Online Educator

Embry-Riddle offers the #1 Online Bachelor's Programs in the United States.

*U.S. News & World Report*



# 1926

*The Wright brothers, made the first controlled, sustained flight of a powered, heavier-than-air aircraft on December 17, 1903, four miles south of Kitty Hawk, North Carolina. In 1904-05 the brothers developed their flying machine into the first practical fixed-wing aircraft.*



## The World's Premier Aviation and Aerospace University

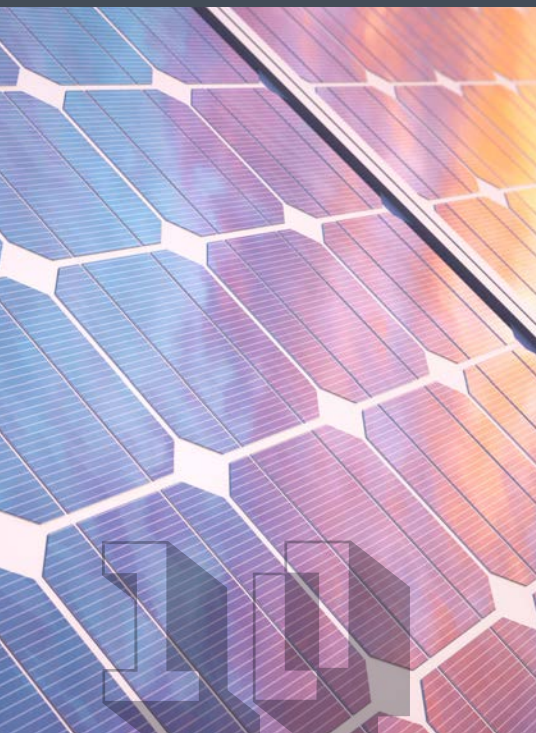
In 1926 — just 22 years after the world's first successful airplane flight — Embry-Riddle was founded to teach flight to the daring and adventurous. Since then, the university has excelled in its roots and so much more. As the world's largest and most respected university specializing in aviation and aerospace, Embry-Riddle has been at the forefront of ground-breaking aeronautical milestones since the early days of flight. With more than 130,000 graduates around the globe, Embry-Riddle is not only leading the future, it is changing it.



# 96%

## Delivering Results

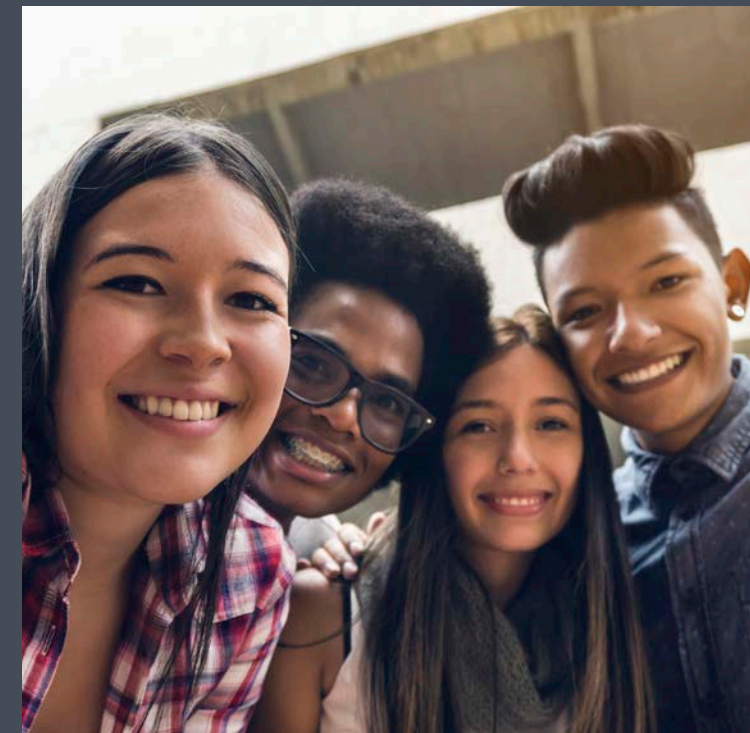
According to Embry-Riddle's annual alumni survey, 96% of graduates are employed or are in graduate school within a year of graduation.



# 100+

## Endless Opportunity

Embry-Riddle offers more than 100 undergraduate and graduate degree programs in the following areas: aviation; applied science; business; computers and technology; engineering; security, intelligence, and safety; and space.







# RECOGNIZED EXPERTS AT THE LEADING EDGE OF THEIR FIELDS

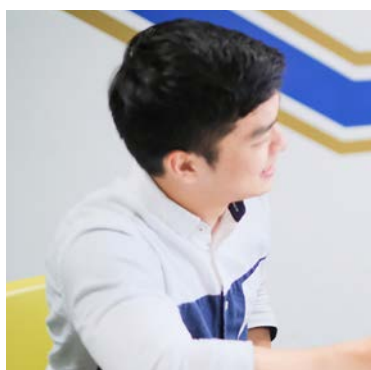


Our 50 faculty members bring industry experience into their teaching careers, deepening the classroom experience by illustrating theory with real-life applications. Our professors go far beyond teaching. Their professional careers qualify them as inspirational mentors and practical coaches

who guide you through complex assignments; recommend you to a colleague in the field; and give you valuable industry tips.

## Faculty

Many of the faculty that teach Embry-Riddle courses in Singapore are flown in from the United States to teach. Some of our full-time faculty from the United States are also living in Singapore on a two-year rotation through Singapore. Faculty members who reside in the Singapore area have similar backgrounds to our United States faculty as they have had the same high-caliber education and possess the same credentials, having spent adequate time learning, working, and living in the United States.



## Partners

In order to facilitate the delivery of our programs and degrees, Embry-Riddle Asia has joined forces with some of the premier educational institutions in the region.

### Singapore Aviation Academy

Established in 1958, the Singapore Aviation Academy (SAA) is the internationally-recognized training arm of the Civil Aviation Authority of Singapore. SAA offers a comprehensive breadth of training in various disciplines through four specialized schools in Aviation Management, Aviation Safety and Security, Air Traffic Services and Airport Emergency Services. Many programs are developed in line with the standards and recommended practices of the International Civil Aviation Organization (ICAO) to assist the States in meeting ICAO's regulatory, operational, safety and security mandates. Graduate programs, jointly offered with reputable institutes serve the continuous learning needs of aviation professionals.

[saa.com.sg](http://saa.com.sg)



### ERC Institute

ERC Institute (ERCI) was established in 2003 by ERC Holdings (ERC) to provide education with a difference and raise the bar in education services in Singapore. ERCI Holdings was founded by a group of successful Asian entrepreneurs in 1999 to cultivate a strong entrepreneurial culture in Asia. To date, more than 10,000 students have graduated from ERCI. ERCI has produced ideas and leaders that shape the world of business. The Institute's hands on, market-based approach to business education transforms our students into confident, effective, respected business leaders equipped to analyse and solve real world business challenges.

[erci.edu.sg](http://erci.edu.sg)



ERC Institute  
UEN No. :200311146N  
20/05/2018 - 19/05/2022



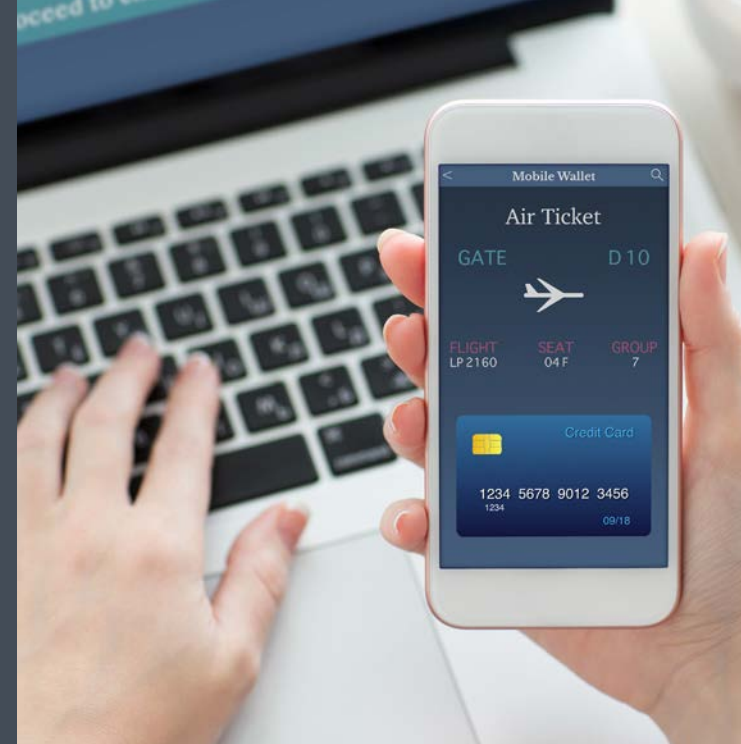


# 5 FASTEST

## Market Growth

Of the five fastest-growing markets in terms of additional passengers per year over the forecast period, four will be from Asia.

*IATA's 20-Year Air Passenger Forecast*



## Biggest Driver of Demand

Asia Pacific will be the biggest driver of demand from 2015 to 2035 with more than half of the new passenger traffic coming from the region.

*IATA's 20-Year Air Passenger Forecast*



# 1.8 Bil.

## Exponential Growth

By 2035, an additional 1.8 billion annual passengers will be transported to, from and within Asia Pacific for an overall market size of 3.1 billion. The region will also grow by 4.7% annually.

*IATA's 20-Year Air Passenger Forecast*





# A GLOBAL AVIATION HUB

**E**mbry-Riddle Asia found its perfect home in the bustling cosmopolitan city of Singapore. Besides offering a world-class living environment and an exciting collage of cultures, Singapore serves as a key economic and transportation hub of the Asian region. China, India, Australia and the Philippines are just a four-hour flight away and several key developing markets are located right at Singapore's doorstep. With the sixth busiest airport and the fourth busiest air cargo hub in Asia, as well as an active aerospace maintenance center, Singapore boasts a thriving aviation and aerospace industry that will be even further enhanced by the presence of Embry-Riddle Asia.

**“Airports will shape business location and urban development in the 21st century as much as highways did in the 20th century, railroads in the 19th, and seaports in the 18th.”**

John Kasarda, the coauthor of *Aerotropolis: The Way We'll Live Next* and an adviser to many airport-centered development projects around the world



## From the Experts

“Aircraft demand is expected to increase at a much faster pace than economic growth, as income and urbanization continue to rise in Asia” **Dennis Mullenburg, CEO, Boeing**

“The Asia-Pacific region is firmly established as the largest market for passenger jets. The region is also becoming the leader in turboprop sales.”

Christophe Potocki, GM Sales ASEAN and Pacific, ATR

“With a skilled talent pool, competitive environment and a centralized location in South East Asia, we believe that Thailand has great potential to develop its aerospace sector.”

Didier Lux, Airbus Head of Customer Services

## The Industry is Booming

- ▲ China will receive 7,400 new passenger aircraft and freighters from 2018-2037.
- ▲ Boeing forecasts demand for 2,300 new airplanes in India over the next 20 years.
- ▲ By 2037, the Middle East and Asia Pacific will be the fastest growing markets.
- ▲ World air transport demand will increase 2.5 times by 2037.
- ▲ Embraer foresees world demand for 10,550 new aircraft with up to 150-seats over the next 20 years.
- ▲ Vietnam's airlines are buying new aircraft to restructure their fleets and expand operations to reach 220 aircraft by 2020 and 400 aircraft by 2030.
- ▲ Beijing Daxing International Airport is expected to be the world's largest airport upon completion.
- ▲ Dubai is planning a \$32.6 billion (USD) expansion of Al Maktoum Airport.
- ▲ The global business travel market, worth an estimated \$1.3 billion in 2017, will rise in value to \$1.6 billion by 2023.
- ▲ International Air Transport Association launched a platform enabling airlines to share turbulence data.
- ▲ Malaysia AirAsia on track to become Southeast Asia's largest airline in 2019.
- ▲ WOW Air Iceland launched its first non-stop flight to Asia, with the airline offering services to New Delhi.
- ▲ Asia Pacific region is set to go on a hiring spree for hundreds of thousands of new airline staff over the next two decades.

# 7.8 Bil.

## Tremendous Growth

“If you look at projections, by 2036 there will be 7.8 billion people traveling, almost half of them to, from and within Asia-Pacific. Clearly, the key constraint is infrastructure. We have to encourage governments to work with the industry to build more infrastructure to accommodate growth.”

Goh Choon Phong, Chair of the IATA Board of Governors & CEO Singapore Airlines



# YOU EXPECT RESULTS. WE DELIVER THEM.

**W**hen you earn your degree from Embry-Riddle, you become part of a network of more than 130,000 alumni who will support you throughout your working life.

Embry-Riddle graduates get where they want to be, landing jobs quickly and becoming leaders of industry. Your degree will get you in the door at some of the world's top employers, and the people you meet on campus will be there to help you along the way.

96% of surveyed Embry-Riddle graduates pursue careers in their chosen fields or are in graduate school within one year of graduation. Employers in the aviation and aerospace industries love our graduates. They describe them (and we agree!) as knowledgeable, experienced, energetic, enthusiastic — and passionate.

*“My MBA cohort consisted of professionals from many parts of the aviation industry throughout Asia. Very often, learning was not confined to the curriculum, but rather, through the collective sharing of real-life experiences and problems from various sectors of the Asian aviation industry. This, to me, was invaluable.”*



LAPHANG CHUNG '13

MBA

MANAGER OF AIRFIELD/AIRSIDE OPERATIONS  
CHANGI AIRPORT

## WHERE WILL YOU GO?

Embry-Riddle provides cooperative education or internship opportunities with many companies. Student and employer relationships often result in permanent and rewarding jobs. Here's a brief sampling of the hundreds of companies that seek Embry-Riddle graduates:

- |   |   |
|---|---|
| ▲ AerCap                                  | ▲ International Civil Aviation Organization |
| ▲ Airbus                                  | ▲ Jet Star Asia                             |
| ▲ Airbus Helicopters                      | ▲ KLM/Air France                            |
| ▲ Arabian Jets                            | ▲ Korean Air                                |
| ▲ Bell Helicopter                         | ▲ Kuehne + Nagel Pte. Ltd.                  |
| ▲ B/E Aerospace                           | ▲ Lufthansa                                 |
| ▲ The Boeing Company                      | ▲ PCO Innovation                            |
| ▲ Bombardier                              | ▲ Pratt & Whitney                           |
| ▲ Changi Airport Group                    | ▲ Qatar Airways                             |
| ▲ CIT Group                               | ▲ Rolls-Royce                               |
| ▲ Civil Aviation Authority of Singapore   | ▲ Satair                                    |
| ▲ Dassault                                | ▲ SATS                                      |
| ▲ DNATA                                   | ▲ Safran                                    |
| ▲ Embraer                                 | ▲ Scoot                                     |
| ▲ Emirates Airlines                       | ▲ Singapore Airlines                        |
| ▲ ExecuJet Asia                           | ▲ Swissport                                 |
| ▲ Fokker Services                         | ▲ ST Engineering                            |
| ▲ International Air Transport Association | ▲ Thales                                    |
|   | ▲ Virgin Atlantic                           |
|   | ▲ Zodiac Engineering                        |



FATHIN DZULHAIKAL  
BIN ABDUL RAHIM '15  
B.S. IN AVIATION BUSINESS ADMINISTRATION  
DNATA SINGAPORE PTE LTD



ALEX ONG '18  
B.S. IN AERONAUTICS  
CIVIL AVIATION AUTHORITY  
OF SINGAPORE



YEO HUI QING  
JARREN '16  
B.S. IN AERONAUTICS  
AIRBUS



CECIL YEO '17  
B.S. IN AERONAUTICS  
ST ENGINEERING



NUR ATHIRA '16  
B.S. IN AERONAUTICS  
EAGLE SERVICES ASIA,  
PRATT & WHITNEY





# AN EXPERIENCE BEYOND THE CLASSROOM

**S**ingapore is a cosmopolitan country that attracts many residents from abroad. The country embraces a unique blend of cultures, lifestyles and religions that contributes to an outstanding quality of life. A thriving arts, culture and entertainment scene offers something for everyone. Singapore's warm and sunny climate is perfect for year-round sports and outdoor activities.

Embry-Riddle Asia offers students an experience beyond the classroom. Join a club or get involved in student government. You'll also have the opportunity to interact with other Embry-Riddle students attending our residential campuses in the United States. With a fast growing student body we realise the importance of life both inside and outside of the classroom.

We're actively working to create some of the same student opportunities students attending our residential campuses in the United States enjoy. From clubs and organisations ranging from special interest to athletics along with student trips and community outreach we're building a vibrant student life environment for our growing diverse student body.

*As elected representatives of the student body, we constantly strive to improve communication between students and administration while also creating a vibrant student life.*

**SAIFUL RAHMAN**  
B.S. IN AVIATION / MINOR IN AVIATION SAFETY  
SGA PRESIDENT



EXPANDING A TRADITION OF EXCELLENCE  
\*\* "About Changi Airport." [www.changiairport.com/](http://www.changiairport.com/) Web.

## Hot Spots in Singapore

**Singapore River**  
Three Unique Quays

**Harbour Front**  
Eat, Shop, Relax, Cruise

**Bras Basah/Bugis**  
Arts & Heritage District

**Skape**  
Singapore's Youth Zone

**Civic District**  
A Walk Down Memory Lane

**Chinatown**  
Immerse Yourself in Culture

**Orchard Road**  
A Shopper's Paradise

**Joo Chiat/Katong**  
Discover Peranakan Culture

**Little India**  
Vibrant Culture & Incredible Shopping

**Kampong Glam**  
Eclectic Blend of History & Culture

**Sentosa**  
Everything from Amusement Parks to Nature



## Student Life

Going to Embry-Riddle isn't just about life inside the classroom. From student-led clubs and organizations to campus-wide events that take place year-round we're adding to our list of student activities each year. If there isn't a club that meets your needs, we encourage students to start one.

The Embry-Riddle Asia Student Government Association (SGA) serves as a bridge between the student body and campus administration. In addition to voicing the needs of students, the SGA works closely with administration to plan activities and manage clubs. such as:

- ▲ Freshman orientation camp
- ▲ Overseas enrichment trips
- ▲ Night cycling
- ▲ Bowling tournaments
- ▲ Paintball competitions
- ▲ Football
- ▲ Water sports
- ▲ Flight simulator



ASIA.ERAU.EDU





# BUILT TO BRING OUT THE BEST IN ALL STUDENTS

# E

mbry-Riddle Asia will serve students at all stages of life, from secondary school graduates to experienced working professionals. In order to meet the needs of this diverse audience, we have taken the best aspects of the university's different learning methods and given students in Singapore the option to choose the one that works best for them.

From Classroom to online to EagleVision, students can choose one or two or even a blend of all three methods.

# 1

## Classroom Learning

In this structured academic setting students experience direct contact with instructors and fellow students on a regular basis.

- ▲ Scheduled class times
- ▲ Classroom attendance
- ▲ Face-to-face interaction
- ▲ Direct collaboration

# 2

## Online Learning

Online learning provides maximum convenience and flexibility for students with very busy schedules. Course material is available 24/7, allowing students to access their lessons anywhere, anytime as long as they have an Internet connection. With 12 undergraduate and five graduate start terms throughout the year, it's never too late to start on your path to a degree.

- ▲ Independent and module-based learning
- ▲ Access from any Internet connection
- ▲ Online interaction (non real-time) with students and instructors
  - E-mail
  - Discussion Boards
  - Web-based Activities
- ▲ Lesson archiving

# 3

## EagleVision

EagleVision is a web video conferencing platform that connects geographically distributed classrooms together into one live, real-time virtual classroom. Through EagleVision, students attending class on opposite sides of the world can talk to one another, interact with the same instructor and collaborate on common problems and lessons.

- ▲ Face-to-face interaction with students/instructor in your classroom
- ▲ Real-time, virtual interaction with students/instructors in other classrooms
  - Audio/Video Conferencing
  - Online Chatting
  - Polling
  - Webcasting
- ▲ Lesson archiving





## Apply Today

If you're interested in getting the best aviation education the world has to offer, then apply for your seat at Embry-Riddle Aeronautical University. Seats are limited, and the selection process is competitive, so apply as early as possible.

### Contact Admissions

**OFFICE HOURS:**

Monday-Friday, 9 a.m.-6 p.m.

Saturday, 10 a.m.-2 p.m.

Phone: +65 6933 9580

Email: [asia@erau.edu](mailto:asia@erau.edu)



SANJEEV  
UPADHIAH '12

MBA IN AVIATION

CAPTAIN, SCOOT AIR

*Embry-Riddle is the only place in the world that could offer me an MBA fine-tuned and tailored to my passion, which is aviation. The Embry-Riddle instructors bring in guest speakers from the industry who do a really good job of sharing what they do in their daily life. That's so important because everything we learn has to apply in real life, eventually.*



EXPANDING A TRADITION OF EXCELLENCE

\*\* "About Changi Airport." [www.changiairport.com/](http://www.changiairport.com/) Web.