

Tenure-Track Faculty Position with a focus on Aviation Operations and Machine Learning / AI

Company:
Embry-Riddle Aeronautical University

Location:
United States / Daytona Beach

Discipline:
Aviation Operations and Machine Learning / AI

Employment Type:
Permanent Full-time

Posted:
18/09/2024

Contact Person:
If you wish to apply for this position, please specify that you saw it on AKADEUS.

Tenure-Track Faculty Position with a focus on Aviation Operations and Machine Learning/AI in the School of Graduate Studies, Daytona Beach Campus

The Opportunity

The School of Graduate Studies in the College of Aviation at Embry-Riddle Aeronautical University (ERAU) invites applications for a tenure-track Assistant Professor position with a strong preference for candidates with a background and expertise in aviation operations, air transportation systems, and machine learning/AI.

The School of Graduate Studies offers an MS in Aviation with specializations in Aviation Safety, Uncrewed Systems, and Space Operations. It also offers an MS in Occupational Safety Management, an MS in Uncrewed Systems, and an MS in Space Operations in a traditional on-campus format, as well as an online Ph.D. in Aviation with specializations in Aviation Safety, Aviation Human Factors, Aviation Operations, and Intradisciplinary.

The candidate will be expected to teach courses at both the doctoral and master's levels and chair Ph.D. dissertation and/or master's thesis committees. The typical teaching load is 2 to 3 courses per semester.

In addition to teaching responsibilities, the candidate is required to meet ongoing scholarly growth requirements, which include publishing scholarly work, actively pursuing and obtaining externally funded research, and presenting work at professional conferences. The candidate will also be expected to fulfill service responsibilities to the university and the profession. This faculty position will be located on the Daytona Beach campus. The candidate is required to provide instruction in both traditional classroom formats and online formats as appropriate.

About Embry-Riddle: A Global Leader in Aviation and Aerospace

With vibrant campuses in Daytona Beach, FL and Prescott, AZ, plus a Worldwide network across approximately 120 locations, Embry-Riddle stands as the world's largest aviation and aerospace university. For over 95 years, we've been pioneering education in STEM fields, serving over 11,600 residential students and 19,200 globally in the 2023-24 academic year with cutting-edge programs in Applied Science, Aviation, Business, Technology, Engineering, Safety, Security, and Space.

Perks Await You at Embry-Riddle!

- Generous Time Off: Enjoy 9+ paid holidays, including the day after Thanksgiving and the week between Christmas Eve and New Year's Day.
- Personal Leave: Relax with 12 days of personal leave for non-exempt employees or 18 days for exempt full-time employees in your first year.
- Tuition Coverage: Get 100% tuition coverage for yourself for one undergraduate and one graduate degree, and discounted rates for your spouse and dependent children up to age 26.
- Retirement Contributions: ERAU contributes 6% of your base salary to your retirement plan and offers a 4% matching contribution – with no vesting period.

Required Qualifications

The position requires a doctorate and relevant experience in aviation operations, air transportation, or related areas.

Preferred Qualifications

Preferred qualifications include a Ph.D. in a closely related field, and teaching and research experience in aviation operations, air transportation, and machine learning/AI in aviation.

Application process/requirements

Applications are being reviewed at this time and will continue until the position is filled.

To submit your application for this opportunity, please visit the [Embry-Riddle Career Site](#) and search for requisition number **R308349**. Please attach all relevant materials to your application when you apply online. Complete submissions include the following:

- Current CV

- Letter of application
- Copy of Ph.D. transcript
- Teaching philosophy (one page)
- Research plan (one page), including research interests, strategies, and research plan

Current Embry-Riddle employees: Please apply directly through the ERAU Employee Hub Central application within Workday.

Embry-Riddle Aeronautical University recognizes the value of diversity and is dedicated to fostering a positive climate in which all students, faculty, and staff are encouraged in their professional, social, and intellectual pursuits. Embry-Riddle is committed to providing [equal employment opportunity](#) and affirmative action for qualified individuals. The University does not tolerate discrimination on the basis of race, creed, color, religion, national origin, gender, sexual orientation, age, gender identity, genetic information, disability, protected veteran status, or any other status protected by federal, state, or local law.

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