Assistant Professor of Engineering
Texas A&M University -- Corpus Christi

Job Title	Assistant Professor of Engineering
Department	Engineering http://engineering.tamucc.edu
Institution	Texas A&M University -- Corpus Christi Corpus Christi, Texas
Date Posted	Apr. 29, 2025
Application Deadline	May 30, 2025
Position Start Date	Sep. 1, 2025
Job Categories	Assistant Professor
Academic Field(s)	Robotics Electrical and/or Electronics Aerospace/Aeronautical/Astronautics
Job Website	https://tamus.wd1.myworkdayjobs.com/en-US/TAMUCC_External/details/Assistant-Professor--Engineering_R-082580
Apply Online Here	https://www.tamucc.edu/human-resources/careers/index.php
Apply By Email	

Job Description

The Department of Engineering in the College of Engineering at Texas A&M University-Corpus Christi (TAMU-CC) invites applications for a 9-month, tenure-track, Assistant Professor of Engineering to begin Fall 2025. The selected candidate will teach one (1) class per semester (Fall and Spring semesters) and serve as a Research Engineer with the Autonomy Research Institute (ARI) for the

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remainder of the time during the academic year and full time at ARI for three (3) summer months. Applications from candidates with backgrounds in an engineering discipline with Artificial Intelligence (AI) experience are encouraged to apply; the research and/or experience of all candidates must have relevance to AI. We are especially interested in applicants with a background in aeronautical or aerospace engineering. The successful candidate will be expected to develop an engineering research program for ARI focused on AI. In addition, the successful candidate will participate in curriculum development and refinement, teaching undergraduate and/or graduate engineering courses, and mentoring students.

The faculty member, working as a Research Engineer-AI at ARI, under the supervision of the Executive Director and working in direct support of multiple Associate and Program Directors, will be expected to manage project activities, including developing and tracking budgets, tracking timelines, deliverables, milestones, and providing periodic evaluations and reports for projects that range from small to large in scope. The faculty member will have experience in research and AI. The principal duties as a member of the Engineering faculty will include an active research agenda with focus on AI, teaching and mentoring students, supervising student research, publishing research results in well-recognized venues, and engaging in other faculty responsibilities. As a member of the Engineering faculty, the successful candidate will report to the Chair of the Department of Engineering.

The Department of Engineering prepares well-educated, highly skilled, and socially and professionally responsible engineers and engineering technologists from a varying population of students so that they can have productive and rewarding careers at local, state, and national levels. Graduates will be well grounded in the fundamentals of engineering, mathematics, science, communications, and problem solving. To ensure that our graduates are valued by industry and to continually improve our program, input is sought from employers, our alumni, and an industry advisory committee so that the changing needs of industry are met. The Department of Engineering offers bachelor’s programs in civil engineering, electrical engineering, industrial engineering, mechanical engineering, and mechanical engineering technology, leading to a Bachelor to a Bachelor of Science degree. The Department of Engineering also offers a Master of Science in Engineering degree, with concentrations in civil, electrical, industrial, and mechanical engineering.

The Autonomy Research Institute (ARI) is one of seven FAA-designated Unmanned Aircraft System Test Sites. Dedicated to pioneering research, development, and testing of autonomous systems across air, land, water, and eventually space, ARI is at the forefront of shaping the future of autonomous systems. This transition marks an exciting new chapter where we continue to work closely with state, federal, and worldwide regulatory agencies to support the safe integration of unmanned aircraft systems into the national airspace system, while pioneering advancements in autonomy systems.

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ARI is dedicated to pioneering the development of safe, reliable, and innovative autonomous systems across air, ground, water, and space. Leveraging our role as a FAA-designated UAS Test Site, we conduct cutting-edge applied research to advance the science and application of autonomous systems. Our goal is to become a global leader in shaping a future where intelligent machines seamlessly integrate into society.

Texas A&M University-Corpus Christi is a vibrant, Hispanic and Minority Serving Doctoral Research Institution that proudly provides a solid academic reputation, renowned faculty, and highly rated degree programs since 1947. The University has a heritage of teaching excellence with innovation in research and community engagement as part of the distinguished Texas A&M System. TAMU-CC is the only university in the nation located on its own island, at the heart of the Texas Gulf Coast. With palm tree-lined pathways throughout the campus, nearby natural wetlands, a scenic hike-and-bike trail, and pristine views of the beach and bays, Texas A&M University-Corpus Christi is a first-choice institution.

Required Qualifications:

- Applicants must hold a Doctoral or equivalent terminal degree in any Engineering discipline related to AI. Advanced ABD (all but dissertation) will be considered; degree must be conferred by the time of appointment.
- Ability to communicate effectively.
- A track record in or interest in research and teaching, as measured by courses taught and the number and amount of funded ongoing and completed research efforts and publications, commensurate with years of experience.

Preferred Qualifications:

- Doctoral degree in Aeronautical Engineering discipline
- Experience in interdisciplinary research and with UAS or aeronautical research.
- Demonstrated success in mentoring colleagues and students at graduate and undergraduate levels, as measured by student presentations at conferences and graduate students' published papers.
- Demonstrated experience/success in cultivating relationships with industry and agency professionals locally and nationally, state legislative delegations, and relevant professional associations.

All required documentation must be submitted to be considered for the position. A completed application will include:

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1. A letter of application addressing listed qualifications including a statement of teaching philosophy and research interests,
2. A curriculum vitae,
3. Three (3) professional references including name, address, title, telephone number, and email addresses, and
4. Copies of unofficial transcripts for graduate coursework.

The deadline for applications is May 30, 2025.

All positions are security-sensitive. Applicants are subject to a criminal history investigation, and employment is contingent upon the institution's verification of credentials and/or other information required by the institution's procedures, including the completion of the criminal history check.

EEO/AA Policy

Texas A&M Corpus Christi is an Equal Opportunity/Veterans/Disability Employer.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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