

Non-Tenure Track Assistant Professor of Mathematics
and System Engineering
Florida Institute of Technology

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Posted Jan. 15, 2025, set to expire May 15, 2025

Job Title Non-Tenure Track Assistant Professor of Mathematics and
System Engineering

Department Mathematics and System Engineering

Institution Florida Institute of Technology
Melbourne, Florida

Date Posted Jan. 15, 2025

Application Deadline Open until filled

Position Start Date Aug. 3, 2025

Job Categories Assistant Professor

Academic Field(s) Mathematics/Applied Mathematics

Job Website <https://floridatech.wd5.myworkdayjobs.com/FloridaTechCareers>

Apply Online Here https://floridatech.wd5.myworkdayjobs.com/en-US/FloridaTechCareers/details/Non-Tenure-Track-Assistant-Professor-of-Mathematics-and-System-Engineering_R6222?q=R6222

Apply By Email

Job Description

The Department of Mathematics and Systems Engineering at Florida Institute of Technology invites applications for a non-tenure track faculty position at the Assistant Professor level, to start in August 2025. This is a three-year, 9- month contract position with a possibility of renewal based on the performance.

Candidates are expected to show an outstanding record, strong interest and an ability to teach a

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diverse student body. The Department of Mathematics and Systems Engineering is part of the College of Engineering and Science – Florida Tech’s largest college and is committed to creating and maintaining a culture of excellence in teaching and research, with the goal of setting the stage for research-based and innovative pedagogies that foster student engagement, learning, and success.

We seek individuals with expertise and interest in instruction and curriculum design for mathematics courses with an ability to clearly communicate in the classroom with a good understanding of curricular objectives and learner’s needs and abilities. The position requires teaching up to four courses per semester. Having an expertise in developing or implementing teaching innovation tools is a plus.

Responsibilities:

- Teach up to four undergraduate courses per semester, utilizing dynamic and modern instructional techniques to facilitate student comprehension and engagement.
- Integrate technology, such as interactive software and digital resources, to enhance the learning experience and promote active participation.
- Foster a supportive and inclusive classroom environment that encourages critical thinking, problem-solving, and mathematical exploration.
- Mentor and advise students, providing guidance and support to help them achieve their academic and career goals.

Qualifications:

- Ph.D. in Mathematics or related field.
- Demonstrated expertise in teaching Calculus classes to students in all engineering and science majors at the undergraduate level, with a commitment to excellence in pedagogy.
- Proficiency in utilizing technology, including interactive whiteboards, graphing calculators, mathematical software (e.g., MATLAB, Python), and online learning platforms.
- Strong communication and interpersonal skills, with an ability to effectively engage and motivate students from diverse backgrounds.

Florida Tech fosters a culture of innovation and encourages creative teaching methods that incorporate state of the art technological advancements into the curriculum. We prioritize the success and

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engagement of our students, providing an opportunity to make a meaningful impact on their academic journey.

To apply, please submit the following materials, at the latest by December 15, 2024.

- Cover Letter
- Curriculum Vita
- Teaching Statement addressing teaching and mentoring experiences, philosophy and innovation

Review of applications will begin immediately after the above deadline and will continue until the position is filled.

EEO/AA Policy

Equal opportunity

Florida Tech does not discriminate on the basis of race, color, gender, religion, sexual orientation, national origin, disability, genetic information, age, pregnancy, parenting status, veteran status or retirement status in its activities and programs. In accordance with Title IX of the Education Amendments of 1972, Florida Tech does not discriminate on the basis of sex. Inquiries concerning the application of the non-discrimination policy may be directed to the Office of Title IX at John E. Miller Office Building (401QAD), 150 West University Blvd, Melbourne, FL 32901, TitleIXCoordinator@fit.edu, or 321-674-8885, or to the U.S. Department of Education Office for Civil Rights.

Americans with Disabilities Act

Please notify us at least five days in advance if a reasonable accommodation for a disability is needed by calling the Office of Human Resource at 321-674-8100.

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact Bhaskar Tenali
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Florida Institute of Technology
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Melbourne, FL 32901-6975

Phone Number 321-674-7213

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