Adjunct Instructor -- ENGR 122, Field Sustainable Systems with Sensors
Stevens Institute of Technology

Job Title Adjunct Instructor -- ENGR 122, Field Sustainable Systems with Sensors

Department SES Core Engineering

Institution Stevens Institute of Technology
Hoboken, New Jersey

Date Posted Nov. 20, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Adjunct Professor

Academic Field(s) Sustainable Engineering
Electrical and/or Electronics

Job Website https://stevens.wd5.myworkdayjobs.com/External/job/Hoboken-NJ---Main-Campus/Adjunct-Instructor----ENGR-122--Field-Sustainable-Systems-with-Sensors_RQ28746

Apply By Email

Job Description

The Charles V. Schaefer, Jr. School of Engineering and Science (SES) at Stevens Institute of Technology (Stevens) invites applications for an Adjunct position for the Spring semester of 2025.

The Adjunct Instructor will teach ENGR 122, Field Sustainable Systems with Sensors. Each section of this EVENING course meets once a week for the full Spring 2025 semester for a total of ~3 hours per week. This course is an introductory course for Engineering majors and builds to the Gallois Autonomous Robot Competition hosted during the Stevens Innovation Expo.

As one of the first courses in the Stevens Design Spine, ENGR 122 is fundamental to SES's

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commitment to instilling a sense of engineering mastery, interdisciplinarity, project management, teamwork, and specific engineering skills required of the modern engineer in its engineering graduates. It also underscores their ability to communicate the technical aspects of a project properly and clearly. The Design Spine is a series of courses that continue through an Engineering student's senior year.

This is a project-based class with heavy emphasis on various engineering disciplines, such as CAD, coding, basic circuitry, and technical writing. An excellent candidate is passionate about engineering education and interested in sharing that passion with others. A stellar applicant has received a degree in and has work experience in engineering.

The successful applicant will be expected to work on-campus with students and Teaching Assistants (TAs), with certain tasks such as grading student work and providing feedback on student projects extending throughout the week.

This is a fixed-term assignment for the Spring 2025 semester at Stevens (starting on January 16, 2025, and ending on May 15, 2025). Engagement in subsequent academic terms will be considered on a case-by-case, as-needed basis.

Responsibilities:

- Coordinate coursework and curriculum with the ENGR 122 course coordinator
- Meet with assigned class section(s) weekly – once in lab and once in lecture – to effectively cover all syllabus material
- Facilitate course instruction and evaluate student performance
- Foster an open, inclusive class atmosphere
- Participate in active feedback with, to, and from the course coordinator, other course section instructors, and TAs

Education and Experience:

- Required: Minimum of a Bachelor's degree, preferably in an engineering discipline
- Required: Strong understanding of SolidWorks suite (certificate optional)
- Preferred: Minimum 3 years' work experience in an engineering field

Academic Submission Guidelines:

To apply, please submit the following items:

- Cover Letter

Adjunct Instructor -- ENGR 122, Field Sustainable Systems with Sensors
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- Curriculum Vitae
- Teaching Statement that includes a) teaching interests, b) teaching philosophy, and c) a plan on how to create an inclusive environment for students of all backgrounds in terms of classroom teaching, student advising and student mentoring.
- Contact information for at least three references

Department

SES Core Engineering

General Submission Guidelines:

Please submit an online application to be considered a candidate for any job at Stevens. Please attach a cover letter and resume with each application. Other requirements for consideration may depend on the job.

Academic Submission Guidelines:

Please submit:

- Cover letter
- Curriculum vitae
- Research statement
- Teaching statement that includes a) teaching interests, b) teaching philosophy, and c) a plan on how to create an inclusive environment for students of all backgrounds in terms of classroom teaching, student advising, and graduate student mentoring
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Contact info for at least 2-3 references (school-specific; please refer to job posting)

Still Have Questions?

If you have any questions regarding your application, please contact Jobs@Stevens.edu.

Contact Information

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

Contact

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