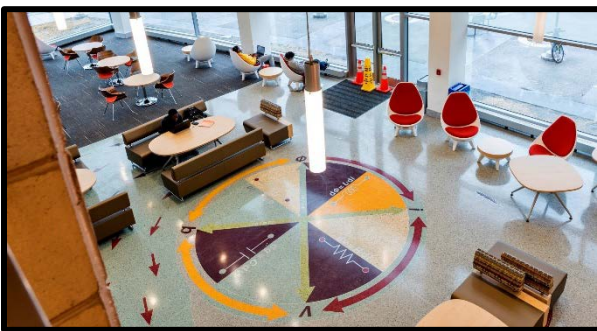# ELECTRICAL & COMPUTER ENGINEERING

FULL TIME NON-TENURE TRACK INSTRUCTOR FACULTY POSITIONS IN ELECTRICAL AND COMPUTER ENGINEERING

With dramatic increase in undergraduate and graduate enrollment, and a new building that allows us to expand, our award winning and nationally ranked (#15 in best undergraduate programs) Electrical and Computer Engineering (ECE) Department as well as the College of Engineering (ranked #21) at Rowan University are growing. To accommodate this robust growth, we seek energetic and innovative teacher-scholars, and invite applications for non-tenure track, full time teaching positions.

The successful candidates will be responsible for developing and teaching project-based courses in the ECE curriculum. Hence, candidates must have strong commitment to excellence in teaching, a proven record of, or exceptional potential for developing innovative pedagogical approaches, courses, labs, and projects for a modern ECE curriculum. Ideal candidates must also embrace interdisciplinary collaborations, work with multi-disciplinary student and faculty teams, have excellent communication skills, and have a genuine interest in student mentoring.

Applicants with expertise in all fundamental areas of ECE are invited to apply, however, our greatest needs are in **digital and embedded systems, computer architecture, control systems, communication systems and electromagnetics**. The Department greatly values experiential and project-based learning, integrating emerging topics and technologies into the curriculum, and provides state-of-the-art equipment, instruments, rapid prototyping, fabrication and computational resources to support such activities. Our dedication to project-based learning is reflected in our curriculum, as all our courses have lab/project components. As a result, we seek individuals who share this dedication, have the skills and passion to develop and deliver innovative hands-on lab projects and other experiential learning activities using appropriate modern tools. The position also includes service responsibilities, such as helping with the Department's assessment activities. Therefore, any experience with assessment, pedagogy and scholarship of engineering education would be very valuable. The successful candidate will also have the opportunity to be involved with student projects in the Rowan Engineering Clinic sequence, and – if interested – contribute to the scholarly activities of our faculty and students.

Applicants must have earned at least a Master of Science degree, preferably a PhD, in Electrical Engineering, Computer Engineering or related discipline. The appointment is non tenure-track, with renewable multi-year contracts, based on performance, departmental needs and university and budgetary approvals. Review of applications will begin immediately and continue until the positions are filled.

For full consideration, applications should include the below listed items, assembled in the following order in a single PDF file: **1)** a cover letter summarizing qualifications and the applicant's interest in the position, **2)** current and detailed CV, **3)** statement of teaching interests (including the list of courses the applicant feels most qualified to teach, as well as teaching philosophy), and **4)** names and contact information for three references. Please name the file as **<LastName>_Application.pdf**. Optionally, additional relevant documentation (such as student evaluations, innovative curricular components developed by the applicant, etc.) may be submitted in an Appendix as a separate file, named **<LastName>_Appendix.pdf**. Applications are only accepted on line at this link: https://go.rowan.edu/JoinRowanECElecturer

Questions can be directed to polikar@rowan.edu, Dr. Robi Polikar, Department Head, Department of Electrical & Computer Engineering. Additional departmental information can be found at http://www.rowan.edu/ece

Rowan University values diversity and is committed to equal opportunity in employment. All positions are contingent upon budget appropriations. This position does not support employment visa applications. Therefore, all applicants must have appropriate legal status to work in the United States.