



**Lecturer in Electronic & Computing Engineering  
Lecturer Below Bar  
School of Electronic Engineering  
Faculty of Engineering & Computing  
Three Year Fixed Term Contract**

**Dublin City University**

Dublin City University (DCU) is a leading innovative European University. It is proud to be one of the world's leading Young Universities and is among the world's top 2% globally. DCU is known as Ireland's University of Impact, with a mission to 'transform lives and societies' and focuses on addressing global challenges in collaboration with key national and international partners and stakeholders.

DCU has over 20,000 students in five faculties spread across three academic campuses in the Glasnevin-Drumcondra area of North Dublin. Thanks to its innovative approach to teaching and learning, the University offers a 'transformative student experience' that helps to develop highly sought-after graduates. DCU is currently No. 1 in Ireland for Graduate Employment Rate, and for graduate income (CSO).

DCU is a research-intensive University and is home to a number of SFI-funded Research Centres. The University participates in a range of European and international research partnerships. DCU is also the leading Irish university in the area of technology transfer as reflected by licensing of intellectual property.

As a 'People First' institution, DCU is committed to Equality, Diversity and Inclusion - a University that helps staff and students to thrive. The University is a leader in terms of its work to increase access to education and is placed in the world's Top 10 for reducing inequalities in the Times Higher Education Impact Rankings.

**School of Electronic Engineering**

The School of Electronic Engineering is a research-intensive school that is home to key researchers in research centres such as CONNECT, Entwine, Insight, and I-Form, in addition to particular strengths in optical and terahertz research, semiconductor characterization, communications, computer vision and medical imaging. The School provides a supportive environment for research, and its PhD research students and postdoctoral researchers produce work of significance at both national and international level. With close industry links, the School's teaching and research programmes reflect the current and anticipated needs of Ireland's industrial and commercial

sectors, while at the same time meeting the most rigorous national and international academic standards. For further information, visit: <https://www.dcu.ie/electronics> and <https://ece.eeng.dcu.ie>

## **Relationships**

The position holder will report to the Head of School and work closely with other colleagues, including the School Teaching Convenor, the Associate Dean of Teaching and Learning, and industry partners. Building positive relationships with professional support staff and with technical and pedagogy specialists, and engagement with key stakeholders within and outside of DCU, are important aspects of this role.

## **Principal Duties and Responsibilities**

The appointee will be expected to contribute directly to the School of Electronic Engineering degree programmes through research-led teaching, supervision of laboratory sessions, student mentoring and supervision of capstones projects. Specifically the successful applicant will be required to (inter alia):

- Participate widely in School activities and contribute to the development of the School's profile in teaching and research.
- Pursue an active research agenda with ongoing research publications in leading international academic journals, peer-reviewed conferences, and with high profile book publishers, both individually and, where appropriate, in collaboration with colleagues in DCU and elsewhere.
- Deliver course content to students, including lectures, laboratories and tutorials at undergraduate and postgraduate levels in a manner consistent with DCU's high academic standards.
- Develop resources required to facilitate student learning.
- Set and assess examinations and continuous assessment materials.
- Use a wide range of learning and teaching methodologies and assessments which foster a positive and supportive learning environment for students.
- Work proactively in improving existing courses and programmes and contribute to the design and development of new courses and programmes.
- Contribute to team effectiveness, leadership/management and administration.

Applicants must also have two or more years teaching expertise at undergraduate and/or postgraduate level with knowledge and experience that will allow them to take responsibility for teaching commitments aligned with aviation, analogue and digital electronics, electromechanical systems, and bioelectronics. Teaching responsibilities could be expanded to include other modules in the Electronic and Computer Engineering and Mechatronic Engineering disciplines, as well as contributing to the delivery of the Global Challenges programme, that the School jointly presents along with the School of Law and Government.

Applications are invited from those with good research credentials and publication record, particularly in the research area of power electronics – a specialist area that the School wishes to progress. Applicants should be willing to travel to our partner institutions in Europe and China to deliver programme content. The appointee will be expected to prepare, deliver and assess a range of core subjects in a manner consistent with DCU's high academic standards and in a hybrid environment that involves elements of on-campus and remote delivery.

## **Qualifications, Skills and Experience Required**

The candidate must hold a Master's degree in a relevant discipline as some of the teaching will include taught postgraduate students, and they should ideally be working towards a doctoral-level qualification in Electronic Engineering or a related discipline.

- Experience gained in the public or private sector in a post for which the entry requirements include a primary degree at honours level or equivalent (NFQ Level 8) on the basis of one year's credit for one full year's experience.
- Applicants must have relevant teaching experience to be able to immediately take on the topics mentioned, ideally including experience in online or technology-assisted teaching.
- Applicants should be comfortable in teaching through the medium of English.

The successful candidates should ideally have a minimum of three year's relevant experience which may include:

- Time spent in postgraduate training or study for a higher degree.
- Teaching experience at second level in an appropriate area on the basis of one year's credit for two full years' experience.

## **Essential Training**

The postholder will be required to undertake the following essential compliance training: Orientation, Health & Safety, Data Protection (GDPR) and all Cyber Security Awareness Training. They will also be expected to engage with DCU/ADAPT training on Gender, Equality, Diversity and Inclusion. Other training may need to be undertaken when required.

**Dublin City University is an equal opportunities employer.**

**In line with the Employment Equality Acts 1998 – 2015, the University is committed to equality of treatment for all those who engage with its recruitment, selection and appointment processes.**

**The University's Athena SWAN Bronze Award signifies the University's commitment to promoting gender equality and addressing any gender pay gaps. Information on a range of university policies aimed at creating a supportive and flexible work environment are available in the [DCU Policy Starter Packs](#)**