



Dublin City University
Faculty of Engineering and Computing
IT and Online Learning Systems Engineer
Permanent

Introduction

Dublin City University (www.dcu.ie) is a young, dynamic and ambitious university with a distinctive mission to transform lives and societies through education, research and innovation. It is research intensive, globally engaged and distinguished by both the quality and impact of its graduates, and its focus on the translation of knowledge into societal and economic benefit. DCU prepares its students well for success in life and in the workplace, by providing a high-quality education appropriate to solving grand global challenges of the 21st century. Excellence in its education and research activities has led to DCU's consistent presence in the rankings of the world's top young universities.

Founded in 1980, the School of Electronic Engineering is one of three schools that comprise the Faculty of Engineering and Computing at Dublin City University. Since its inception, the School has established a strong reputation for delivering high-standard innovative engineering education at both undergraduate and postgraduate level, as well as a diverse and internationally-recognised suite of research activities.

The Position

The Faculty of Engineering and Computing in DCU is currently recruiting an IT and Online Learning Systems Engineer to support the continued delivery of high-quality teaching, teaching infrastructure support, and online teaching technological development and innovation.

Initially based in the School of Electronic Engineering, this leadership role is critical to the effective delivery of the Faculty mission and strategic goals across all activities, including teaching, research and industry engagement. The School currently offers NFQ Level 8 undergraduate BEng programmes in Electronic and Computer Engineering as well as in Mechatronic Engineering. It also delivers NFQ Level 9 programmes in Electronic and Computer Engineering to domestic, international, and industry-based students. The School places a strong emphasis on teaching innovation and our Level 9 programmes

are structured with maximum flexibility to facilitate part-time and/or remote students, with most Level 9 modules available online.

Key Responsibilities and Duties

The duties and responsibilities of the role will include, but are not limited to the following:

- To design and implement Faculty/School systems architectures and to investigate relevant industry trends and emerging technologies to drive technological innovations in the School/Faculty.
- To liaise with the technical support team in the School of Computing in the management and provision of the Faculty Cloud, which is co-located in both Schools.
- To undertake the prime administrator duties for the Linux/Unix servers that provide such services as: mail, web, DNS, user accounts, and resource booking.
- To conduct and/or engage with IT audits and assessments - including security, risk and quality, and to liaise with external IT audit processes.
- To develop and implement School-specific IT policies and to ensure compliance with all DCU ICT policies and guidelines in liaison with DCU's Information System Services (ISS), Estates Office and other central units.
- To take a leading role in IT strategy planning to meet the present and future business needs of the School/Faculty and to represent the Faculty/School at University committees and working groups as appropriate.
- To disseminate applicable IT domain knowledge to academic, research and technical staff.
- To contribute to the practical learning experiences of the students by sharing knowledge and expertise across academic modules, and by providing secure and reliable examination environments across multiple computing desktop laboratories.
- To undertake strong engagement with the student body through appropriate content creation and formal delivery of teaching.
- To liaise with academic staff, researchers, and students to identify, investigate and evaluate current and emerging technologies for teaching and research applications, specifically related to enhanced online teaching through the provision of innovative, next-generation teaching and learning environments and supports for programmes that include online, blended and flexible provision.

The successful candidate will have experience:

- In the design, implementation and administration of virtualized cloud environments that provide high availability services.
- Of implementing and administering network services such as DNS, DHCP, LDAP, NFS, SSH, Samba, Squid and SMTP.
- Of common scripting languages for automating process, and of one or more programming languages.

- Of supporting software environments and applications on a large number of desktop machines in both software development laboratory and office environments.
- Of student learning environments, both physical and virtual/online.
- Of creating and delivering student learning resource materials, preferably including online materials.
- Of planning, documenting, and managing multiple/concurrent projects and tasks effectively.

Given the distinct nature of the teaching and research activities undertaken in a third-level education institution and in an engineering/computing department in particular, experience of working in such an environment would be a distinct advantage.

The Person

Candidates will have a primary and/or postgraduate degree in a relevant Engineering, IT or Computer Science discipline and should have substantial technical experience. S/he will be a creative, practical, task-focused individual with excellent interpersonal and communication skills. Further, an understanding of the requirements of university engineering/computing schools with an awareness of relevant current and emerging technologies is desirable.

Application Procedure

Informal enquiries to the Head of School of Electronic Engineering: ee.head@dcu.ie.

**Please do not send applications to this email address.*

Salary Scale: Analyst Programmer Grade III: €56,443 - €89,838. *

**Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the Analyst Programmer Grade III salary scale in line with current Government pay policy*

Closing Date: 28th June 2019

Further information:

More information on the School of Electronic Engineering and its programmes can be found at:

<https://www.dcu.ie/electronics/index.shtml>

Application forms are available from the DCU Current Vacancies (Open Competitions) website at <http://www.dcu.ie/hr/vacancies/current.shtml> and also from the Human Resources Office, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149

Application forms and CV should be submitted by email to hr.applications@dcu.ie or by post to the Human Resources Department, Dublin City University, Dublin 9.

*Please clearly state the role that you are applying for in your application and email subject line: **Job Ref BC1212 IT and Online Learning Systems Engineer***

Dublin City University is an equal opportunities employer