POSITION DESCRIPTION

Position Title: Industry Practice Lecturer/Senior Lecturer in Electrical Engineering – Teaching Focused
Organisation Unit: School of ITEE
Position Number: NEW
Type of Employment: Part-time (40-50% negotiable), Fixed-term (3 years) with possible renewal.
Classification: Academic Level B/C

THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) contributes positively to society by engaging in the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni. For more than a century, we have educated and worked with outstanding people to deliver **knowledge leadership for a better world**.

UQ ranks in the world’s top universities, as measured by several key independent ranking, including the CWTS Leiden Ranking (32), the Performance Ranking of Scientific Papers for World Universities (40), the US News Best Global Universities Rankings (42), QS World University Rankings (47), Academic Ranking of World Universities (54), and the Times Higher Education World University Rankings (66). Excluding the award component, UQ is now ranked 45th in the world in the ARWU, and is one of the only two Australian universities to be included in the global top 50.

UQ has an outstanding reputation for the quality of its teachers, its educational programs and employment outcomes for its students. Our students remain at the heart of what we do. The UQ experience – the UQ Advantage – is distinguished by a research enriched curriculum, international collaborations, industry engagement and opportunities that nurture and develop future leaders. UQ has a strong focus on teaching excellence, winning more national teaching excellence awards than any other in the country and attracting the majority of Queensland’s highest academic achievers, as well as top interstate and overseas students.

UQ is one of Australia’s Group of Eight, a charter member of edX and a founding member of Universitas 21, an international consortium of leading research-intensive universities.

Our 53,000-plus strong student community includes more than 16,400 postgraduate scholars and more than 17,000 international students from 135 countries, adding to its proud 260,000-plus alumni. The University has more than 6,600 academic and professional staff (full-time equivalent) and a $2.15 billion annual operating budget. Its major campuses are at St Lucia, Gatton and Herston, in addition to teaching and research sites around Queensland and Brisbane city. The University has six Faculties and four University-level Institutes. The
Institutes, funded by government and industry grants, philanthropy and commercialisation activities, have built scale and focus in research areas in neuroscience, biomolecular and biomedical sciences, sustainable minerals, bioengineering and nanotechnology, as well as social science research.

UQ has an outstanding track-record in commercialisation of our innovation with major technologies employed across the globe and integral to gross product sales of $11billion+.

UQ has a rapidly growing record of attracting philanthropic support for its activities and this will be a strategic focus going forward.

Organisational Environment

It is an exciting time to get involved with the School of Information Technology and Electrical Engineering, located on UQ’s St. Lucia campus. The School is ramping up its investment in teaching, research and engagement to create an inspiring, diverse and flexible workplace. The direction is backed by a bold, new strategic vision to ensure the School is at the forefront of meaningful research outcomes and pedagogy across its core impact areas of health, data, automation and energy. Boasting strong student enrolments in professionally accredited programs, combined with world-class researchers and facilities, the School is focused on strengthening its position in the global computer science and engineering communities. By attracting the brightest minds and fostering a truly innovative and collaborative work environment, the School will develop global solutions to contemporary issues and mentor the leaders of tomorrow.

The School recognises and values equity and diversity, and encourages applications from any individual who meets the requirements of this position irrespective of gender, sexuality, race, ethnicity, religion, disability, age or other protected attributes. The School strives to provide an inclusive working environment, and along with the University is committed to supporting staff with family and caring responsibilities by providing policies, programs and initiatives to help balance work and family responsibilities.

Details of the School may be accessed on its website at http://www.itee.uq.edu.au/.

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available online.

The University of Queensland Enterprise Agreement outlines the position classification standards for Levels A to E.

DUTY STATEMENT

Primary Purpose of Position

The primary purpose of this position is to engage, as a lecturer or senior lecturer in undergraduate and/or postgraduate teaching, particularly in design/project courses. This role is focussed on teaching current professional engineering content and skills of relevance to engineering graduates. It requires connection to current industry practice in analog and/or digital electronic design to be able to develop relevant teaching material and to help the development of an industry relevant curriculum.
Duties

Duties and responsibilities may include, but are not limited to:

**Teaching and Learning**
- Coordinate courses, prepare and deliver learning activities, and undertake assessment and marking for undergraduate and/or postgraduate courses.
- Lead the development and renewal of courses in the area of focus, by consulting with program advisors and stakeholders, ensuring courses are engaging, relevant and contemporary.
- Participate in educational practice and innovative curriculum design including online learning and alternative teaching methods.
- Maintain and improve the quality of courses as measured through evaluation instruments to meet industry and educational standards.
- Understand and apply university rules relevant to teaching and learning practice.
- Provide industry experience and expertise to inform curriculum development for the Bachelor of Engineering (Hons) and other degree programs as required.
- Supervise final year projects and research higher degree students.
- Provide high quality service to students, including academic counselling and advice.
- Provide support to other academic positions as needed and during absences.

**Service and Engagement**
- Perform administrative functions in the School of relevance to this role.
- Contribute to the processes that enable the academic team to manage the work of the School, including participate in School decision-making and serve on School committees.
- Foster the School’s relations with industry, government departments, professional bodies and the wider community. This is to help ensure teaching is fully informed by professional practice.
- Staff development as directed by your supervisor
- Any other duties as reasonably directed by your supervisor
Other

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including but not exclusive to:

- the University’s Code of Conduct
- requirements of the Queensland occupational health and safety (OH&S) legislation and related OH&S responsibilities and procedures developed by the University or Institute/School
- the adoption of sustainable practices in all work activities and compliance with associated legislation and related University sustainability responsibilities and procedures
- requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related responsibilities and procedures developed by the University

Organisational Relationships

The position reports to the Deputy Head of School (Teaching and Learning).
SELECTION CRITERIA

Essential

- Bachelor or master’s degree in Electrical Engineering or related discipline
- Demonstrated expert knowledge and industry experience in analog and/or digital electronic design
- Demonstrated teaching skills
- Demonstrated ability to relate well to students
- An ability to establish effective relationships and to represent and promote the academic discipline at a university and wider community level, including industry, government and professional bodies
- Well-developed communication, interpersonal and consultative skills and the ability to work collaboratively with colleagues from a multidisciplinary background

Desirable

- PhD in Electrical Engineering or related discipline
- Track record of effective teaching at undergraduate and/or postgraduate level
- Demonstrated ability in curriculum design
- Developed industry liaisons and professional contacts
- Evidence of a contribution to research and/or scholarship of teaching and learning and/or industry practice, including successful external grant applications
- Evidence of effectiveness in online and/or blended educational practices
- Track record of supervision of honours student projects or equivalent to successful completion

For Appointment at Level C – in addition to the above:

Essential

- PhD in Electrical Engineering or related discipline; or an equivalent combination of relevant experience and/or education/training
- Evidence of a contribution to research and/or the scholarship of teaching and learning and/or industry practice with national recognition of their achievements

Desirable

- Demonstrated leadership and service to domestic or international academic or professional bodies.
- Experience in liaising and collaborating with external agencies to develop co-operative research initiatives.

Seminar

Applicants invited for interview may be expected to present a seminar in conjunction with the selection interview process.
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Qualification Verification

An appointment to this position is subject to the verification of the highest academic qualification from the conferring institution.

The University of Queensland values diversity and inclusion and actively encourages applications from those who bring diversity to the University. Please refer to the University’s Diversity and Inclusion webpage for further information and points of contact if you require additional support.

This role is a part-time position; flexible working arrangements may be negotiated.

Accessibility requirements and/or adjustments can be directed to recruitment@uq.edu.au.