

LECTURER

DEPARTMENT/UNIT	Electrical and Computer Systems Engineering
FACULTY/DIVISION	Faculty of Engineering
CLASSIFICATION	Level B
DESIGNATED CAMPUS OR LOCATION	Clayton campus

ORGANISATIONAL CONTEXT

At [Monash](#), work feels different. There's a sense of belonging, from contributing to something groundbreaking – a place where great things happen. You know you're part of something special and purposeful because, like Monash, your ambitions drive you to make change.

We have a clear purpose to deliver ground-breaking intensive research; a world-class education; a global ecosystem of enterprise – and we activate these to address some of the [challenges](#) of the age, Climate Change, Thriving Communities and Geopolitical Security.

We welcome and value difference and [diversity](#). When you come to work, you can be yourself, be a change-maker and develop your career in exciting ways with curious, energetic, inspiring and committed people and teams driven to make an impact – just like you.

Together with our [commitment to academic freedom](#), you will have access to quality research facilities, infrastructure, world class teaching spaces, and international collaboration opportunities.

We champion an [inclusive workplace culture](#) for our staff regardless of ethnicity or cultural background. We have also worked to improve [gender equality](#) for more than 30 years. Join the pursuit of our purpose to build a better future for ourselves and our communities – [#Changelt](#) with us.

The Faculty of Engineering is the #1 Engineering School in Australia*, renowned worldwide for the quality and calibre of our teaching, research and graduates. We offer a comprehensive selection of undergraduate, graduate, postgraduate and higher degree by research programs in a wide range of engineering disciplines. Our research activities provide a platform for establishing a thriving educational enterprise and our staff are committed to creating a dynamic learning environment. The research activities range from fundamental studies to research with a strong applications orientation. To learn more about the Faculty of Engineering, please visit our website.

The Department of Electrical and Computer Systems Engineering form part of the #1 Engineering Faculty in Australia. We provide high quality programs for undergraduate and research students as well as undertaking and publishing high quality research. We offer internationally recognised undergraduate and research programs in telecommunications, electronics, robotics, biomedical engineering and electrical power systems. We maintain strong links with engineering professionals to ensure our programs remain at the leading edge of professional practice. This ensures we have a vibrant research culture, with major research areas in communications & RF identification, intelligent robotics, biomedical engineering and power electronics & energy. ECSE strives to provide a welcoming and open culture that is inclusive of students and staff of diverse genders, sexes, sexualities, religions and cultures, and people with disabilities. We welcome applications from individuals representing these diverse groups. In accordance with Monash University's commitment to Athena Swan principles, we particularly encourage applications from females. Monash University supports staff with young children and caregiving responsibilities through a range of programs, policies and resources (www.monash.edu/gender-equity/parents). To learn more about our Department and the work we do, please visit our website.

POSITION PURPOSE

A Level B academic is expected to make contributions to the teaching effort of the University and to carry out activities to maintain and develop scholarly, research and/or professional activities relevant to the profession or discipline.

The Lecture is expected to make significant contributions to the teaching effort of a department, school, faculty or other organisational unit or an interdisciplinary area. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities. The Lecture will complement the Department's current strengths in control systems, wireless technology and signal processing with a focus on AI techniques. These application areas are built on a foundation of physical systems (electronics, optoelectronics, RF, sensors, energy systems and computing devices) that enable diverse applications.

Reporting Line: The position reports to the Head of Department of Electrical and Computer Systems Engineering

Supervisory Responsibilities: Will supervise HDR students and may supervise academic and professional research staff on externally sponsored projects

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level B academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions
2. Initiation and development of subject material
3. Acting as subject coordinators
4. The preparation and delivery of lectures and seminars
5. Supervision of the program of study of honours students or of postgraduate students engaged in course work
6. Supervision of major honours or postgraduate research projects
7. The conduct of research

8. Involvement in professional activity
9. Development of course material with appropriate advice from and support of more senior staff
10. Marking and assessment
11. Consultation with students
12. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches
13. Attendance at departmental, school and/or faculty meetings and/or membership of a number of committees
14. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A doctoral qualification in the relevant discipline area or equivalent accreditation and standing.
 - Two years post-PhD experience in engineering in academic institutions, industry, or research institutes.

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors
3. Demonstrated statistical analysis and manuscript preparation skills; including developing a solid track record of refereed research publications
4. Ability to work positively and cooperatively with students, internal and external teams and external organisations
5. Demonstrated strong record of teaching experience in a tertiary environment
6. Demonstrated ability to motivate, actively engage and educate a given audience
7. Demonstrated experience in curriculum and subject material development
8. Proven ability, commitment and passion for engaging in scholarly and research activities
9. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

OTHER JOB RELATED INFORMATION

- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University

policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.