LECTURER

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

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The **Faculty of Engineering** is one of the largest in Australia, renowned worldwide for the quality and calibre of our teaching, research and graduates. We offer a comprehensive range 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** provides high quality programs for undergraduate, postgraduate and research students built on a platform of world-class research. We offer internationally recognised teaching and research programs in communications, 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. We strongly encourage staff members professional and personal growth, and we support staff to develop through their careers. For more information about us, 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 their scholarly, research and/or professional activities relevant to the profession or discipline.

The successful candidate will complement the Department's current strengths in robotics, bioengineering, communications, and power & energy systems. These application areas are built on a foundation of physical systems (electronics, optoelectronics, and computing) that enable diverse applications.

Reporting Line: The position reports to the Head of Department

Supervisory Responsibilities: Not applicable

Financial Delegation: Yes, in accordance with the University delegations schedule

Budgetary Responsibilities: The position will be responsible for managing the budgets of externally funded projects

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 and Experience

1. The appointee will have:
    - A doctoral qualification in electrical engineering, computer engineering, or a related discipline, or equivalent accreditation and standing;
    - at least two year's experience (post PhD) working in engineering, either in a research institution, university, or industry.

In determining experience relative to qualifications, regard shall be had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or contributions to technical achievement. In addition, a position at this level will normally require a record of demonstrable scholarly and professional achievement in the relevant discipline area.

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of interdisciplinary teams across both the education and service sectors
3. Ability to work positively and cooperatively with undergraduate, postgraduate and research students
4. Demonstrated capacity to provide education to a diverse range of engineering students at undergraduate and/or postgraduate levels and participate with departmental and faculty colleagues in the development of curricula and methods
5. Proven ability, commitment and passion for engaging in scholarly research activities including a strong research vision that complements existing departmental strengths and evidence of the ability to execute on that vision

OTHER JOB RELATED INFORMATION

- Domestic and international travel in support of teaching and research activities may be required
- There may be a requirement to work outside traditional office 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.