

ASSISTANT LECTURER - ROBOTICS

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| DEPARTMENT/UNIT | Mechanical and Aerospace |
| FACULTY/DIVISION | Engineering |
| CLASSIFICATION | Level A |
| DESIGNATED CAMPUS OR LOCATION | Clayton |

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 Mechanical and Aerospace Engineering aspires to transform society for the better, both through training the next generation of forward-thinking brilliant engineers, and through transformational research that meets the needs and challenges of the world. The Department offers the undergraduate degrees of Bachelor of Engineering (Honours) in the streams of Mechanical Engineering, Aerospace Engineering and Automation Engineering, with a large proportion of students studying for double degrees in conjunction with other faculties.

Monash University is one of only three Universities in Australia to be ranked at ERA 5 (outstanding) in the discipline of Aerospace Engineering in the 2018 Excellence in Research Australia report.

POSITION PURPOSE

A Level A academic is expected to make contributions to the teaching effort of the university, particularly at undergraduate and graduate diploma level in the Robotics specialisation and to carry out activities to develop her/his scholarly, research and/or professional expertise relevant to the profession or discipline.

The primary purpose of this position is to provide teaching, administrative and research support to the department. This will include the teaching and administration of undergraduate units, academic service and engagement, oversight of undergraduate, postgraduate students and visitors, supporting research.

Reporting Line: The position reports to Head of Department, Mechanical and Aerospace Engineering

Supervisory Responsibilities: Not applicable

Financial Delegation: Not Applicable

Budgetary Responsibilities: Not Applicable

KEY RESPONSIBILITIES

Specific duties required of a Level A academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions
2. The preparation and delivery of lectures and seminars provided that skills and experience demonstrate this capacity
3. Supporting relevant research, including overseeing students in research area
4. Involvement in professional activity
5. Consultation with students
6. Marking and assessment primarily connected with subjects in which the academic teaches
7. Production of teaching materials for students for whom the academic has responsibility
8. Development of subject material with appropriate guidance from the subject or course coordinator
9. Limited administrative functions primarily connected with subjects in which the academic teaches
10. Acting as subject coordinators provided that skills and experience demonstrate this capacity
11. Meeting with departmental and/or faculty staff as required
12. Other duties as directed from time to time

A Level A academic will not be required to teach primarily in subjects which are offered only at Masters level or above.

A Level A academic shall work with support and direction from Academic staff classified at Level B and above and with an increasing degree of autonomy as the academic gains in skill and experience.

The most complex levels of subject coordination should not be carried out by a Level A academic.

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - a doctorate in the relevant discipline

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 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 record of teaching experience in a tertiary environment
6. Demonstrated ability to motivate, actively engage and educate a given audience
7. Demonstrated experience in developing teaching material
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.