



## Position Description – Lecturer/Senior Lecturer

### Position Details

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<b>Position Title:</b>	Lecture (B)/Senior Lecturer (C)
<b>College/Portfolio:</b>	STEM College
<b>School/Group:</b>	School of Engineering, Biomedical Engineering
<b>Campus Location:</b>	Based at the City campus, but may be required to work and/or be based at other campuses of the University.
<b>Classification:</b>	Academic Level B/C
<b>Employment Type:</b>	Continuing
<b>Time Fraction:</b>	1.0 FTE

### RMIT University

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RMIT is a multi-sector university of technology, design and enterprise. The University's mission is to help shape the world through research, innovation and engagement, and to create transformative experiences for students to prepare them for life and work. For more information on RMIT University follow the links below.

<https://www.rmit.edu.au/about>

<https://www.universitiesaustralia.edu.au/university/rmit-university/>

<https://www.rmit.edu.au/about/facts-figures>

Our three main campuses in Melbourne are located in the heart of the City, Brunswick and Bundoora. Other locations include Point Cook, Hamilton and Bendigo, two campuses in Vietnam (Hanoi and Ho Chi Minh City) and a centre in Barcelona, Spain. RMIT is a truly global university.

<https://www.rmit.edu.au/about/our-locations-and-facilities>

We are also committed to redefining our relationship in working with, and supporting, Indigenous self-determination. Our goal is to achieve lasting transformation by maturing our values, culture, policy and structures in a way that embeds reconciliation in everything we do. We are changing our ways of knowing, working and being to support sustainable reconciliation and activate a relationship between Indigenous and non-Indigenous staff, students and community. Our three campuses in Melbourne (City, Brunswick and Bundoora campuses) are located on the unceded lands of the people of the Woi Wurrung and Boon Wurrung language groups of the eastern Kulin Nation.

### Why work at RMIT University

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Our people make everything at the University possible. We encourage new approaches to work and learning, stimulating change to drive positive impact. Find out more about working at RMIT University, what we stand for and why we are an Employer of Choice.

<https://www.rmit.edu.au/careers>

We want to attract those who will make a difference. View RMIT's impressive standings in university rankings.

<https://www.rmit.edu.au/about/facts-figures/reputation-and-rankings>

## **STEM College**

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The STEM College holds a leading position in the science, technology, engineering, mathematics, and health (STEM) fields. We are uniquely positioned to influence and partner with industry, and to support collaboration across all areas of STEM.

The STEM College employs 1,000 staff who deliver onshore and offshore programs to approximately 25,000 students. Our vibrant research community attracts funding from a range of government and industry sources in support of high impact research that transforms industries, shapes lives and communities. The College offers higher education programs across all STEM disciplines at the Bachelor, Master and PhD levels, and ensure our students experience an education that is work-aligned and life-changing.

Industry is at the heart of what we do. It ensures our research has real world impact, and our students are truly work-ready. We have established new hubs of industry-connected digital innovation and endeavour and are engaging with global STEM organisations at scale.

Our diversity and shared values empower our work, and we are proud of the College's inclusive, caring culture. We offer a safe, dynamic work environment, and support every member of our community of achieve their potential. The College appointed Victoria's first ever Dean of STEM, Diversity & Inclusion in 2020, and this role drives gender equity, diversity and inclusion strategies across the College.

## **School of Engineering**

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The School of Engineering is one of the largest Engineering Schools in Australia. It has over 350 staff and 7000 students, including 750 HDR students. The School is committed to driving innovation and collaboration through our industry partnerships. Our industry partners range from small companies to multinational organisations and we work together on translating our research into impact for our partners and the wider community. As of April 2024, the School has transitioned to the following Departments:

- Aerospace Engineering
- Biomedical Engineering
- Chemical and Environmental Engineering
- Civil and Infrastructure Engineering
- Electrical and Electronic Engineering
- Mechanical, Manufacturing and Mechatronics Engineering

This transition to Departments forms part of a new strategic direction for the School. This will see an increasing emphasis on engagement with industry and other external partners. The School is developing new industry led degrees, where our students learn whilst working for companies, as well as innovation hubs where we will co-locate industry partners, our research teams and our undergraduate students.

Over the next three to five years the School of Engineering will support these new strategic plans through investments in new facilities. This will include reimaging our teaching laboratories, where we will use new digital technologies to enhance the student experience, as well as research labs where partnerships with industry will enable us to maintain leading research facilities. The STEM College is also developing plans for a large new building in the Melbourne City Campus, and the School of Engineering is expected to take significant space in this new building.

RMIT is a global university and the School of Engineering has students and research partners across South East Asia and Europe. This includes two campuses in Vietnam, as well as partnerships in Hong Kong, Singapore and we recently entered into a partnership with the Birla Institute of Technology and

Science in India. The School also has a research centre in Barcelona, which provides access to European funding and industry partners. The School will continue to grow our international activities with the aim of becoming a globally connected School that translates technologies and training across continents.

### **Position Summary**

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The Lecturer/Senior Lecturer will contribute to the teaching and research efforts of the School and the Department of Biomedical Engineering. The Department of Biomedical Engineering is a thriving research and teaching department focussed on industry-engaged biomedical problems. The incumbent is to make a significant contribution to the delivery of programs and to be actively involved in research, consulting and other professional activities. The Lecturer/Senior Lecturer will develop, engage in and lead high quality research projects that are aligned with the University's research focus areas in biomedical engineering of devices, computational fluid dynamics and end-user focussed medical technology to achieve success in attracting research funding and to produce high quality outputs. The Lecturer/Senior Lecturer will have an important research leadership role in embedding their biomedical research expertise into the life of the School and will be required to develop high-quality, productivity-driven networks across RMIT and with local, national and global, internal and external partners with a significant focus on industrial medical technology and healthcare connectivity. The Lecturer/Senior Lecturer may have responsibility for program management.

### **Reporting Line**

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Reports to: Head of Department, Biomedical Engineering

In relation to any program management, the Senior Lecturer reports to the Deputy Head of School (Learning and Teaching) or the Deputy Head of School/Dean (Discipline).

Direct reports: n/a

### **Organisational Accountabilities**

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RMIT University is committed to the health, safety and wellbeing of its staff. RMIT and its staff must comply with a range of statutory requirements, including equal opportunity, occupational health and safety, privacy and trade practice. RMIT also expects staff to comply with its policy and procedures, which relate to statutory requirements and our ways of working.

RMIT is committed to providing a safe environment for children and young people in our community. Read about our commitment and child safe practices. <https://www.rmit.edu.au/about/our-locations-and-facilities/facilities/safety-security/child-safety>.

Appointees are accountable for completing training on these matters and ensuring their knowledge and the knowledge of their staff is up to date.

### **Key Accountabilities**

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1. Make original contributions in teaching and/or scholarship which expand knowledge or practice within the discipline including: designing, conducting and moderating assessment; implementing improvements informed by course evaluation activities and student feedback.
2. Conduct and lead high quality research, recognised at the national level: developing highly successful research teams; managing research projects and programs within timelines and budget and ensuring compliance with quality and reporting requirements; regularly publishing research results in high quality outlets as lead author and in collaboration with other researchers; identifying appropriate funding sources and prepare successful external research funding submissions; supervising higher degree by research candidates.

3. Participate in School and College strategy development and governance and make a significant contribution to administration activities of an organisational unit or an interdisciplinary area at undergraduate, honours and postgraduate level, which may include program management of a large award program or a number of smaller award programs.
4. Develop and liaise with medical technology industry partners in teaching and research

### **Key Selection Criteria (Level B)**

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1. Research and Teaching experience in the field of biomedical engineering, with a particular focus on advanced computational methods such as computational fluid dynamics, medical device innovation and digital health technologies.
2. Experience in collaborating with hospitals, healthcare providers, and interdisciplinary teams to translate engineering research solutions to improve healthcare delivery
3. Demonstrated ability to prepare and deliver programs at undergraduate and post-graduate levels, including online delivery, and the ability to produce high quality curriculum or program materials.
4. Ability to undertake course coordination role.
5. Demonstrated capacity to work effectively with and to negotiate sensitively with students especially on issues related to effective learning.
6. Emerging track record and recognition for quality research outputs which will contribute to existing Discipline and School research areas evidenced by publications, development of new research initiatives, competitive research funding, and industry links.
7. Demonstrated ability to supervise higher degree by research candidates.
8. Ability to build effective networks with colleagues and generate alternative funding projects through effective liaison with industry and government.
9. Excellent interpersonal and communications skills appropriate for interacting with higher degree by research candidates, staff and industry, together with a strong commitment to teamwork and multidisciplinary collaboration.

### **Key Selection Criteria (Level C)**

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1. Research and Teaching experience in the field of biomedical engineering, with a particular focus on advanced computational methods such as computational fluid dynamics, medical device innovation and digital health technologies.
2. Experience collaborating with hospitals, healthcare providers, and interdisciplinary teams to translate engineering research solutions to improve healthcare delivery
3. Demonstrated ability to coordinate large courses and prepare and delivery programs at undergraduate and post-graduate levels, including high quality curriculum and program materials and ability to implement innovative approaches to student-centred learning and quality improvement.
4. Ability to manage a large program or a number of small programs with demonstrated ability to support student issues related to effective learning.
5. Emerging track record and recognition for quality research outputs which will contribute to existing Discipline and School research areas evidenced by publications, development of new research initiatives, competitive research funding, and industry links.
6. Extensive experience in research leadership with the ability to build and develop collaborative research teams, mentor academic staff to deliver high quality outcomes, attract and secure external research funding to sustain research effort and manage funded research projects including complex budgets and reporting requirements.
7. Extensive experience in supervising higher degree by research candidates to maximise research performance.
8. Demonstrated understanding of and commitment to financial, governance and quality management systems within a university.
9. Demonstrated high level of interpersonal, communication and negotiating skills including the ability to consult with senior executives, external bodies, staff and industry, together with a strong commitment to teamwork, collaboration and multidisciplinary collaboration.

### **Qualifications**

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**Mandatory:** PhD or equivalent<sup>1</sup> in relevant field.

Note: Appointment to this position is subject to passing a Working with Children Check and other checks as required by the specific role. Maintaining a valid Working With Children Check is a condition of employment at RMIT.

**Preferred:** Completion of the [Intro to Learning and Teaching Course \(Login required\)](#) or possess (or eligible to apply for) appropriate [HEA Fellowship \(login required\)](#).

<b>Endorsed:</b>	Signature:	<b>Approved:</b>	Signature:
	Name:		Name:
	Title:		Title:
	Date:		Date:

<sup>1</sup> Equivalence is defined in the exemption criteria at **Appointment of staff without Doctoral qualifications** instruction