RMIT UNIVERSITY

**Position Description – Senior Lecturer, Aviation Discipline
in the Department of Aerospace Engineering**

Position Details

Position Title: Senior Lecturer

College/Portfolio: STEM College **School/Group:** Engineering

Campus Location: Primarily based at City campus, and the potential to work across other RMIT campuses as required and during FIFO periods of off-shore teaching in Aviation programs delivered in the Indo-Pacific.

Classification: Academic Level C **Time Fraction:** 1.0

Employment Type: Continuing

Fixed Term Reason: N/A

Reporting Line: Discipline Lead for Aviation, Department of Aerospace Engineering

In relation to any program management, the Associate Professor reports to the Deputy Dean (Learning and Teaching) or the Deputy Head of Department (Learning and Teaching).

No. of Direct reports: 0

RMIT University

RMIT is a global university of technology, design and enterprise, committed to creating transformative experiences for students and making a meaningful impact through research, innovation, and engagement. 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 campuses in Melbourne (City, Brunswick, Bundoora, and Point Cook) are complemented by international campuses in Vietnam and a centre in Barcelona, Spain. We proudly acknowledge the Woi Wurrung and Boon Wurrung peoples of the eastern Kulin Nation on whose unceded lands our campuses are located.

We are deeply committed to reconciliation and Indigenous self-determination, embedding these values throughout our policies, culture and structures.

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

Why Join RMIT?

Our people are at the heart of everything we do. At RMIT, we value innovation, collaboration and impact. Our values are the heart (durrung) of who we are and what we stand for at RMIT. They guide what we do, how we make decisions, and how we treat each other.

Inclusion   Imagination   Integrity   Courage   Passion   Impact

Learn more about our values: https://www.rmit.edu.au/about/our-strategy/values.

Organisational Accountabilities

RMIT is committed to the safety, wellbeing and inclusion of all staff and students. As a staff member, you are expected to comply with all relevant legislation and RMIT policies, including those related to: Equal Opportunity, Occupational Health and Safety, Privacy and Trade Practices, and Child Safety Standards.

Appointees are responsible for completing all required training and ensuring that they and their team members remain up to date on relevant compliance obligations.

Staff are expected to understand and support RMIT's child safe practices as part of their professional responsibilities. More about our child safety commitment: https://www.rmit.edu.au/about/our-locations-and-facilities/facilities/safety-security/child-safety.

Leadership at RMIT

At RMIT, leadership is not defined by position or hierarchy—it is a shared responsibility demonstrated by all staff, regardless of role or title. Leadership is grounded in our six core values, which guide and shape how we work together, make decisions, and create impact.

Effective leadership means consistently integrating these values into everyday actions and interactions, whether influencing a project outcome, supporting a colleague, or leading a team. All staff are expected to embody the principles of the *Be–Know–Do* Leadership Model:

Be – We are open and authentic, inclusive and empowering. We are purpose driven role models and communicators.

Know – We are self-aware, and understand our stakeholders, our sector and priorities.

Do – We set clear direction and expectations, we develop ourselves and others and promote mutual accountability to deliver results.

At every level, leadership at RMIT is about influence, contribution, and mindset. It is reflected in how we empower others, foster collaboration, and drive positive change through capability-building and alignment to strategic goals.

STEM College

LEARN! GROW! DO!
Together transforming the world through STEM

The STEM College holds a leading position and expertise in the science, technology, engineering, mathematics, and health (STEM) fields. We are uniquely positioned to influence and partner with industry, as never before. STEM College is a community of exceptional STEM researchers, teachers, inventors, designers and game changers, supported by talented professional staff. We offer 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.

The College is renowned for its exemplary research in many STEM areas including advanced manufacturing and design; computing technologies; health innovation and translational medicine; nano materials and devices; and sustainable systems. Our brilliant researchers attract funding from government and industry sources. 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.

For further information about the STEM College please visit: www.rmit.edu.au/seh.

In STEM we CARE – Collaboration, Accountability, Respect & Empowerment

School of Engineering

The School of Engineering comprises a diverse range of departments: Aerospace Engineering; Chemical & Environmental Engineering; Civil & Infrastructure Engineering; Biomedical Engineering; Electrical & Electronic Engineering; and Mechanical, Manufacturing, & Mechatronic Engineering. Note that RMIT's Department of Aerospace Engineering includes the higher-education discipline of Aviation.

As a top 100 university in the world for engineering (2015 QS Rankings by Faculty; Engineering and Technology), RMIT Engineering provides students with work-relevant education programs, access to excellent research facilities and opportunities to engage in creative real-world project work through robust relations with local and international industry leaders.

RMIT Engineering's education is based on innovation and creativity. Key discipline areas in the School of Engineering provide programs with flexible pathways to global careers or postgraduate research.

Continuing a tradition of many years, the Department of Aerospace Engineering is ranked first in Australia by Shanghai Ranking and 34th globally (https://www.shanghairanking.com/rankings/gras/2025/AS0221); and RMIT is the top university for Aviation and Aerospace research in national rankings (see https://www.theaustralian.com.au/special-reports/research-magazine/the-2025-research-magazine-showcases-australias-best/news-story/558038b72166c02a020a8df7c506fdc3).

Position Summary

The Senior Lecturer, Aviation, will contribute to the teaching and research efforts of the Department of Aerospace Engineering and the School of Engineering. The incumbent will make a significant contribution to the delivery of Aviation programs and be actively involved in research, consulting, and other professional activities. The Senior Lecturer will develop, engage in and lead high-quality research projects that are aligned with the University's research focus areas to achieve success in attracting research funding and to produce high-quality outputs. The Senior Lecturer will have an important research role in embedding their research expertise into the life of the School and the STEM College and will be required to develop high-quality, productivity-driven networks across RMIT and with local, national and global, internal, and external partners. The Senior Lecturer may have responsibility for Aviation program management.

Specifically, RMIT seeks a Senior Lecturer, Aviation, who will be responsible for providing innovative contributions to the School in one or more of the following specialty areas: **airline/airport operations and management (transport economics and competition, big data and analytics, travel behaviour, air travel modelling and forecasting), aviation safety including human factors and risk management, crewed and uncrewed air operations and air traffic management.**

RMIT's partnerships with industry such as through its Sir Lawrence Wackett Defence and Aerospace Centre provide outstanding opportunities for academic staff to engage broadly, to conduct industry-relevant research, and to remain current with their domestic and international peers. The Department of Aerospace Engineering also maintains strong links with RMIT's Aviation Academy, an engagement that provides staff opportunities for research on the operations of a fleet of modern aircraft. Likewise, staff can utilise digital infrastructure, e.g., the VxLab on RMIT's City Campus, which houses the Centre for Digital Innovation and equipment such as an Eight360 NOVA Untethered Motion Simulator, a "virtual vehicle" capable of recreating the sensations of being inside a moving car, truck, plane, or spaceship.

Key Accountabilities

1. Make original contributions in teaching and/or scholarship which expand knowledge or practice within the Aviation 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.

Key Selection Criteria

1. 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.
2. Ability to manage a large program or a number of small programs.
3. Demonstrated ability to support student issues related to effective learning.
4. Emerging nationally recognised research track record including substantial record of research outputs in high-quality outlets with a focus in one or more of the following areas: **airline/airport operations and management (transport economics and competition, big data and analytics, travel behaviour, air travel modelling and forecasting), aviation safety including human factors and risk management, crewed and uncrewed air operations and air traffic management.**
5. 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.
6. Extensive experience in supervising higher-degree-by-research candidates to maximise research performance.
7. Demonstrated ability to manage academic program team, supporting scholarly development of less experienced academic staff.
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, produce executive reports, negotiate agreed directions, outcomes and targets within a collaborative environment.

Qualifications

Mandatory: PhD or equivalent in a relevant field.

Working with Children Check

Appointment to this position is subject to holding a valid Victorian 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.