Position Description – Professor

Position Details

**Position Title:** Professor  

**Position Number:** TBC  

**College/Portfolio:** Science, Engineering and Health  

**School/Group:** School of Engineering  

**Campus Location:** Based at the City campus, but may be required to work and/or be based at other campuses of the University.  

**Classification:** Academic Level E  

**Salary Schedule:** [http://www.rmit.edu.au/browse;IDA=ewhtlt73t01](http://www.rmit.edu.au/browse;IDA=ewhtlt73t01)  

**Employment Type:** Continuing  

*Note: See [Reasons for fixed term appointments guideline](http://www.rmit.edu.au/browse;IDA=ewhtlt73t01) for explanation of fixed term categories*  

**Time Fraction:** 1.0 FTE

RMIT University

RMIT is a leading multi-sector university of technology, design and enterprise with more than 91,000 students and 11,000 staff globally. We offer postgraduate, undergraduate, vocational education and online programs to provide students with a variety of work-relevant pathways.

Our purpose is to offer life-changing experiences for our students, and to help shape the world with research, innovation, teaching and industry engagement. With strong industry connections forged over 130 years, collaboration with industry remains integral to RMIT’s leadership in education, applied and innovative research, and to the development of highly skilled, globally-focused graduates.

With three campuses in Melbourne (Central Business District, Brunswick and Bundoora), two in Vietnam (Hanoi and Ho Chi Minh City) and a centre in Barcelona, Spain, RMIT is a truly global university. RMIT also offers programs through partners in Singapore, Hong Kong, mainland China, Indonesia, Sri Lanka, Belgium, Germany, Austria and The Netherlands, and enjoys research and industry partnerships on every continent.

We are also committed to redefining our relationship in working with and supporting Aboriginal 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.

We’re proud to share with you:

- The launch of our second [Reconciliation Plan for Dhumbah Goorowa– a “commitment to share” - an important step in our reconciliation journey](http://www.rmit.edu.au/browse;IDA=ewhtlt73t01).
- RMIT University is an [Athena SWAN](http://www.rmit.edu.au/browse;IDA=ewhtlt73t01) member with Bronze Award accreditation and the College of Science, Engineering and Health is central to driving improvements in gender equality, diversity and inclusion, particularly in the Science, Technology, Engineering, Mathematics and Medicine (STEMM) disciplines.
• RMIT was placed 10th in the 2019 Randstad Employer Brand Research Awards, up five spots from 2018.
• We were named as an Employer of Choice for Gender Equality by the Workplace Gender Equality Agency in 2019.
• We achieved Gold Employer status for LGBTIQ inclusion in the Australian Workplace Equality Index (AWEI) in 2018 and now in 2019.
• We were recognised as a top five employer in 2018 for workplace accessibility with the Australian Network on Disability.

RMIT Standings in university rankings

RMIT has a deep commitment to innovation, research and teaching, we are a 5-Star university under the QS Stars international evaluation system and are 238th globally in QS World University Rankings 2020 (moved up 12 places compared to 250th last year), being also 32nd in the world among universities less than 50 years old (2014 QS Top 50 Under 50 index). Additionally:

• In the 2019 QS World University Rankings by Subject, RMIT was positioned 12th in the world (highest ranked in Australia) in Art and Design, 22nd in the world (fourth highest in Australia) in Architecture and the Built Environment, and 37th in Media and Communications. We are also among the world's top 100 universities in Engineering (Civil and Structural; Electrical and Electronic; and Mechanical, Mechanical, Aeronautical and Manufacturing); Accounting and Finance; and Business and Management Studies).

• In the 2018 QS Rankings by Subject, RMIT was ranked 11th in the world and number one in the Asia Pacific for Art and Design, and 26th in Architecture and the Built Environment. RMIT is also among the world’s top 100 universities in Engineering (Civil and Structural; Electrical and Electronic; and Computer Science and Information Systems); Accounting and Finance; Business and Management Studies; and Communication and Media Studies. The 2018 Shanghai Ranking’s Global Ranking of Academic Subjects highlighted RMIT’s strength in Engineering and Technology in particular.

• In the specialised rankings, RMIT is ranked 77th in the QS Graduate Employability Rankings 2020 and 82nd in the inaugural Times Higher Education University Impact Rankings 2019.

• RMIT also ranks in the world’s top 400 in the 2019 Academic Ranking of World Universities and in the world’s top 400 in 2020 Times Higher Education World University Rankings.

For more information, visit rmit.edu.au/about

College/Portfolio/Group

The College comprises four Schools delivering a broad range of programs in science, engineering, health and technology at apprenticeship, certificate, bachelor, masters and PhD levels. Many programs articulate between vocational and higher education, creating pathways for further study. There is a vibrant research community attracting funding from a range of government and industry sources. The College has an annual income of approximately $425 million and employs over 1,000 staff providing on and offshore programs to approximately 20,000 students.

School of Engineering

The School of Engineering comprises a diverse range of disciplines: Aerospace Engineering & Aviation; Chemical & Environmental Engineering; Civil & Infrastructure Engineering; Electrical & Biomedical Engineering; Electronic & Telecommunication Engineering; Manufacturing, Materials & Mechatronic Engineering; Mechanical & Automotive Engineering.

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.

Details relating to the School/College Office may be found on at: www.rmit.edu.au/seh
Position Summary
The Professor is a senior academic and eminent researcher in the specialist field of Aerospace Engineering and Aviation (AE&A) especially human factors, safety management systems, airlines/airports operations and management, airlines/airport technologies, contributing significantly to teaching and research outputs, building capability of staff and promoting strong academic performance. The Professor will provide high level research leadership developing and leading research project teams and programs and fostering a vibrant research culture. He or she will be required to develop a high-quality and productivity-driven research network across RMIT and with external national and global partners. The Professor will also teach and make a significant contribution to teaching and learning in the discipline with the aim of improving learning outcomes for students. The Professor will make a significant contribution to the planning and strategic direction of the School, taking on major academic leadership roles involving participation in various committees within the School, College and University and external to the University, as appropriate.

Reporting Line
Reports to: Discipline Leader (Aviation), Nic Connelly
Direct reports: None

Organisational Accountabilities
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.

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
1. Lead and foster excellence in teaching and research in the discipline within the University and within the community, professional, commercial or industrial sectors.
2. Ensure implementation of best practice teaching strategies within discipline and dissemination of innovative practices across the University, including: initiating responses to emergent issues and integrating into curriculum development; leading improvement of academic standards, program review and course evaluations within and across disciplines.
3. Having achieved distinction at national and international levels and with recognition as an eminent authority in the discipline, lead research contribution including: leading publication effort of research team/s and extending dissemination activities; identifying and attracting external research funding to sustain research growth across the University; supervising higher degree by research candidates.
4. Provide leadership and foster excellence in policy development in the academic discipline within the University and within the community, professional, commercial or industrial sectors.
5. Lead School and College and participate in University strategy development and governance.

Key Selection Criteria
1. Demonstrated ability to manage award program/s and lead program reviews.
2. Demonstrate distinction at the national level and an internationally recognised research track record in Aviation and position’s related fields.
3. Proven ability to sustain and grow Research Groups and Centres through the attraction of external funding.
4. Extensive experience in attracting and supervising higher degree by research candidates to maximise research performance.
5. Demonstrated ability to lead improvement of academic standards, including implementing best practice teaching strategies and dissemination of innovative practices.
6. Evidence of demonstrated strategic leadership in a large organisational unit or University-wide initiative and effective membership of a management team that developed and achieved shared goals and objectives.
7. Demonstrated experience in financial, governance and quality management systems within a University.
8. 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 in Aerospace Engineering or Aviation Technologies or position’s related field.

Appointment to this position is subject to passing a Working with Children check

**Preferred:** Completion of the Essentials in Tertiary Teaching Practice program or equivalent¹ (if the appointed candidate does not meet this requirement at time of appointment, they will be supported to complete this as a requirement to fulfil their probation).

¹ Equivalence is defined in the exemption criteria at http://www.rmit.edu.au/browse;ID=3sdrya7u8m9v1