Position Description – Associate Professor

Position Details

Position Title: Associate 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 D
Salary Schedule: http://www.rmit.edu.au/browse;ID=ewhtlt73t01
Employment Type: Continuing
Note: See Reasons for fixed term appointments guideline, 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.
- RMIT University is an Athena SWAN 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 candidate for the position of Associate Professor is expected to make a significant contribution to the teaching and research efforts in Aerospace Engineering and Aviation (AE&A) discipline especially human factors, safety management systems, airlines/airports operations and management, airlines/airport technologies. The incumbent will be expected to participate in the academic activities of the School and the College and to pursue a program of professional development consistent with the strategic goals of the School. The academic is expected to undertake high quality teaching, research and industry engagement in the designated field both nationally and internationally.

**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. Contribute to the academic and professional development of the School of Engineering and AE&A discipline in teaching, research and course/program development human factors, safety management systems, airlines/airports operations and management, airlines/airport technologies.
2. Responsible for the currency, relevance and quality of the Teaching and Learning material delivered at Undergraduate and Postgraduate level in the relevant areas both onshore and offshore through a process of continual review and evaluation consistent with priorities of the School and RMIT Strategic Plan.
3. Support the development of interdisciplinary activities in Teaching and Learning and research, and contribute to developing and coordinating School programs including onshore and off-shore in the relevant field.
4. Initiate and conduct high quality research, including supervision of higher degrees students, consistent with the development focus of the School, in the relevant specialist areas.
5. Contribute to the development of a client focused orientation across the School and actively participate in continuous improvement process within the Discipline and School.
6. Maintain close interaction with industry and professional bodies, locally and internationally, to ensure that the research, teaching programs and learning activities in the nominated specialist areas are recognized as the preferred supplier of academic services.
7. Maintain academic and/or professional standing by engaging in a program of academic/professional activity and development in relevant areas.
8. Comply with occupational health and safety policies and university practices in all aspects of work.
9. Other appropriate duties assigned by the Associate Dean of Engineering for the AE&A discipline and by the Executive Dean of Engineering.

**Key Selection Criteria**

1. Possess a proven record of academic and/or professional achievement in Aviation and position's related fields.
2. Proven ability to undertake high quality research in the designated field resulting in high quality journal articles in recognized international journals.
3. Proven ability to prepare and win competitive research grants.
4. Significant industry experience with proven ability to build links and win research contracts with industry.
5. Proven ability to develop high quality teaching and learning resources in the designated field.
6. Demonstrated experience in supervising PhD research students towards successful completion.
7. Demonstrated experience in tertiary teaching resulting in high student satisfaction.
8. Demonstrated high level of interpersonal and communication skills, including ability to work effectively within a multidisciplinary team environment.
9. Demonstrated track record of values and behaviours consistent with RMIT enterprise vision, goals and strategic plans.
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).