

## Position Description

# Lecturer/ Senior Lecturer - Mechanical Engineering

*Position Number: 00060843*  
*Position Title: Lecturer/Senior Lecturer*  
*Date Written: July 2019*

*Faculty / Division: UNSW Canberra*  
*School / Unit: School of Engineering and IT (SEIT)*  
*Position Level: Level B/C*

## ORGANISATIONAL ENVIRONMENT

UNSW is currently implementing a ten-year strategy to 2025 to establish UNSW as Australia's global university. We aspire to this in the belief that a great university, which is a global leader in discovery, innovation, impact, education and thought leadership, can make an enormous difference to the lives of people in Australia and around the world.

Following extensive consultation in 2015, we identified three strategic priority areas. Firstly, a drive for academic excellence in research and education. Universities are often classified as 'research intensive' or 'teaching intensive'. UNSW is proud to be an exemplar of both. We are amongst a limited group of universities worldwide capable of delivering research excellence alongside the highest quality education on a large scale. Secondly, a passion for social engagement, which improves lives through advancing equality, diversity, open debate and economic progress. Thirdly, a commitment to achieving global impact through sharing our capability in research and education in the highest quality partnerships with institutions in both developed and emerging societies. We regard the interplay of academic excellence, social engagement and global impact as the hallmarks of a great forward-looking 21st century university.

To achieve this, we are attracting the very best academic and professional staff to our organisation.

## VALUES IN ACTION: OUR UNSW BEHAVIOURS

UNSW recognises the role of employees in driving a high-performance culture. The behavioural expectations for UNSW are below.



Delivers high performance and demonstrates service excellence.



Thinks creatively and develops new ways of working. Initiates and embraces change.



Works effectively within and across teams. Builds relationships with internal and external stakeholders to deliver on outcomes.



Values individual differences and contributions of all people and promotes inclusion.



Treats others with dignity and empathy. Communicates with integrity and openness.

## OVERVIEW OF RELEVANT AREA AND POSITION SUMMARY

The role of Lecturer/Senior Lecturer supports and enhances the research and teaching activities of the School of Engineering and Information Technology (SEIT) at the University of NSW, Canberra.

The Lecturer/Senior Lecturer will advance the School's international profile by developing a portfolio of activities that includes scholarly research, supervision of research students, knowledge exchange activities and the development and delivery of a range of undergraduate and postgraduate courses offered by the School. The Portfolio will seek to enhance the School and University's research and teaching profile. The position will also contribute to the effective functioning of the School by undertaking a range of other School, University and discipline community responsibilities.

The Lecturer/Senior Lecturer will work closely with the members of the mechanical and aeronautical engineering teaching disciplines and will develop research activities to complement the existing research strengths of the School and Faculty.

The Lecturer/Senior Lecturer may develop a research focused, education focused, or balanced workload. The blend of activities may change over time with the support of the Head of School.

The role of Lecturer/Senior Lecturer reports to the Head of School SEIT.

## RESPONSIBILITIES

Specific responsibilities for this role include:

1. Demonstrate Academic Excellence by
  - Increasing and expanding the research and knowledge exchange profiles of SEIT to complement SEIT's existing strengths.
  - Enhancing teaching in the undergraduate and postgraduate programs of the School in a team teaching environment under the School's Quality Teaching Framework through course and program delivery, development and innovation.
  - Mentoring, supervising and providing advice to higher degree research and honours students.
2. Support UNSW's commitment to Social Engagement by
  - Seeking to share knowledge through traditional academic pathways and non-traditional societal partnerships.
  - Helping the Faculty to develop the next generation of students through initiatives to support local outreach.
3. Provide Global Impact through
  - A broad collaboration and communication network that reaches industry and academia the world over.
  - Innovative plans to help UNSW move into the future and expand its reach beyond traditional stakeholders.
4. Commit to a healthy, sustainable, and supportive workplace by
  - Engaging in School, Faculty and University functions and activities such as forums, workshops, and social events.
  - Contributing to university committees and participating in professional activity.
  - Strengthening our programs for a safe working environment, by ensuring hazards and risks are identified and controlled for tasks, projects and activities that pose a health and safety risk within your area of responsibility.

*At Academic Level C positions holders are expected to undertake the above duties with a higher degree of responsibility and autonomy.*

## SELECTION CRITERIA

LEVEL B	LEVEL C
<ol style="list-style-type: none"> <li>1. A PhD in a mechanical engineering discipline that complements the breadth of expertise of the School. Or, for education focused, qualifications and/or experience recognised by the institution as appropriate for the relevant discipline area.</li> <li>2. Experience in academia appropriate to the Lecturer grade.</li> <li>3. Demonstrated synergy with current School and/or Centre research and education priorities.</li> <li>4. A demonstrated potential to enhance the University's Academic Excellence through teaching, research, and knowledge exchange.</li> <li>5. A demonstrated ability to work positively and cooperatively in a teaching and research-intensive environment.</li> <li>6. Ability and capacity to implement required UNSW health and safety policies and procedures</li> </ol>	<ol style="list-style-type: none"> <li>1. A PhD in a mechanical engineering discipline that complements the breadth of expertise of the School. Or, for education focused, advanced qualifications and/or recognised significant experience in the relevant discipline area.</li> <li>2. Experience in academia appropriate to the Senior Lecturer grade</li> <li>3. Demonstrated synergy with current School and/or Centre research and education priorities.</li> <li>4. A demonstrated ability to enhance the University's Academic Excellence through teaching, research, and knowledge exchange.</li> <li>5. A demonstrated ability to work positively and cooperatively in a teaching and research-intensive environment.</li> <li>6. Ability and capacity to implement required UNSW health and safety policies and procedures</li> </ol>

*It is not the intention of the position description to limit the scope or accountabilities of the position but to highlight the most important aspects of the position. The aspects mentioned above may be altered in accordance with the changing requirements of the role.*