

Lecturer in Mechanical Engineering

Senior Lecturer in Mechanical Engineering

College/Division	College of Sciences and Engineering
School/Section	School of Engineering
Location	Hobart
Classification	Academic Level B/C
Reporting line	Head of School of Engineering

Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social and cultural future of Tasmania, and to contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

Positions will be appointed at Level B (Lecturer) or Level C (Senior Lecturer), commensurate with qualifications and experience. Successful candidates will join the School of Engineering, which is one of eight academic units within the College of Sciences and Engineering at the University of Tasmania.

As a Lecturer or Senior Lecturer in Mechanical Engineering you will carry out teaching and research under the direction of the Head of School of Engineering. You will undertake appropriate supervision of higher degree research students, liaise with industry and contribute to the general management of the School in appropriate areas. By building a research practice, you will establish a strong profile and work towards securing funding from a range of corporate and government sources.

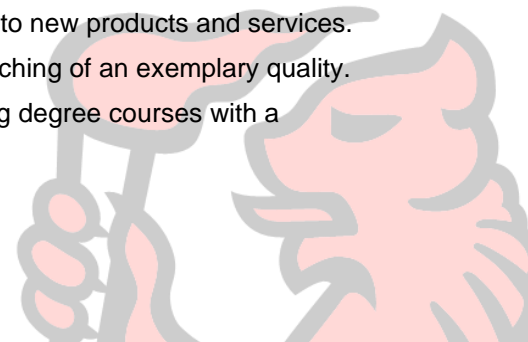
Applicants may have expertise in any specific area including, for example: energy systems and technologies, mechanical design, thermodynamics, fluid mechanics, mechatronics, robotics and automation, and hydrogen.

The School of Engineering at the University of Tasmania is embarking on a bold future-oriented strategic mission, delivering industry-integrated and sustainability-themed degree programs to prepare our graduates for challenges ahead, and focusing our research into three impact-driven complementary areas: renewable energy, sustainable engineering, and computational mechanics.

We are an inclusive workplace committed to 'working from the strength that diversity brings' reflected in our Statement of Values. We are dedicated to attracting, retaining and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age and life course bring.

What You'll Do

- Make a strong and sustained contribution to the University in achieving its strategic objectives and fulfilling its operational responsibilities.
- Undertake high-quality research of national and increasingly of international standing, secure external competitive, publish research findings and successfully supervise higher degree research students to completion.
- Seek to develop and commercialise proprietary technologies, leading to new products and services.
- Undertake scholarly undergraduate and postgraduate coursework teaching of an exemplary quality.
- Contribute to the ongoing development and delivery of the engineering degree courses with a



commitment to continuous improvement and use of modern methods for learning and teaching.

- Develop and maintain productive and effective links both inside the University and externally across relevant interdisciplinary domains, professions, industry sectors and throughout the wider community.
- Undertake other duties as assigned by the supervisor.

Selection Criteria

- A PhD or equivalent in Mechanical Engineering or a relevant related field.
- An established record in, and continuing commitment to, research that has achieved national and preferably international recognition and made notable contributions to the field of research.
- Demonstrated potential for, and preferably a record of significant contributions to, successful higher degree research supervision and completions.
- Demonstrated potential for, and preferably experience in, University-level learning and teaching.
- A record of contributing effectively to building and maintaining effective and productive links locally and nationally with the discipline, profession, industry (where relevant) and wider community.

Desirable Attributes

- Industry/professional experience relevant to the position.
- Experience in course and program development at undergraduate and postgraduate level.
- Strong oral and written communication skills.
- Commercial and business acumen, with an awareness of technology and entrepreneurship.

Other position requirements

- An ability to prepare and deliver lecture and technical material effectively online to a high standard.

University of Tasmania

The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our [Strategic Direction](#) strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

Check out more here:

<https://www.utas.edu.au/jobs>

<https://www.utas.edu.au/careers/our-people-values-and-behaviours>

The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.

