

Lecturer in Mechanical Engineering - Thermal-Fluids
University of Canterbury

Direct Link: <https://www.AcademicKeys.com/r?job=258227>

Downloaded On: Jun. 14, 2025 6:33am

Posted Jun. 12, 2025, set to expire Jul. 13, 2025

- Job Title** Lecturer in Mechanical Engineering - Thermal-Fluids
- Department** Te Tari P?hanga P?rere | Department of Mechanical Engineering
https://www.canterbury.ac.nz/study/academic-study/engineering/schools-and-departments-engineering/design/mechanical-engineering-department?utm_term=&utm_campaign=&utm_source=adwords&utm_medium=ppc&hsa_acc=
- Institution** University of Canterbury
Christchurch, Canterbury, New Zealand
- Date Posted** Jun. 12, 2025
- Application Deadline** Jul. 13, 2025
- Position Start Date** Available immediately
- Job Categories** Lecturer/Instructor
- Academic Field(s)** Mechanical Engineering
- Job Website** <https://jobs.canterbury.ac.nz/jobdetails?jobmc=27012AK>
- Apply Online Here** <https://jobs.canterbury.ac.nz/jobdetails?jobmc=27012AK>
- Apply By Email**

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Job Description

Te Tari P?hanga P?rere | Department of Mechanical Engineering
Te Kaupeka P?hanga | Faculty of Engineering
Located in ?tautahi | Christchurch, Aotearoa | New Zealand

- Full-time 37.5 hours per week (1.0 FTE)
- Fixed-term position (3 years)
- Generous annual leave provisions and professional development opportunities

Kia hiwa r?, kia hiwa r?!

*He hiahia, he p?kenga n?u ki te mahi a te P?kenga? N?ia te p?whiri n? Te Whare W?nanga o Waitaha
kia tonono mai i te t?ranga nei.*

?u Mahi | What You Will Do

The Department of Mechanical Engineering at the University of Canterbury invites expressions of interest for a 3-year fixed-term academic position in the area of Thermal-Fluids and Energy at the level of Lecturer (equivalent to Assistant Professor in the USA).

We are seeking a candidate with a background in thermodynamics and fluid mechanics, and with teaching experience or potential in these areas. This role offers an excellent opportunity to contribute to both teaching and research in a dynamic and supportive environment.

The appointee is expected to:

- Teach two courses per year, including:
 - a core undergraduate course in Thermodynamics, and
 - a final-year elective course in Propulsion (broadly aligned with energy systems and thermal-fluid sciences).
- Supervise final-year honours students and co-supervise Master's and PhD students.
- Undertake independent research and contribute to the department's externally funded research activities.
- Engage with professional and academic service as required.

M?u | Who You Are

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The ideal candidate will have:

- a completed PhD in Mechanical Engineering or a closely related field
- demonstrated experience or potential in undergraduate teaching, particularly in thermodynamics
- a developing or established research profile, including peer-reviewed publications.
- interest in contributing to collaborative research, student supervision, and curriculum development.

Mahi Ng?tahi | Who You Will Work With

The Department of Mechanical Engineering is committed to excellence in teaching, research, and engagement. We value collegiality, collaboration, and innovation in engineering education and research.

We value diversity among our staff and strongly encourage applications from women and members of underrepresented groups.

For more information about the Department, please visit:

<http://www.canterbury.ac.nz/engineering/schools/mechanical/>

Ng? Painga o UC | Why UC

Tangata T?, Tangata Ora -- Engaged, Empowered, Making a Difference.

We are committed to accessible higher education, service to the community and the encouragement of talent without barriers of distance, wealth, class, gender or ethnicity. The University explicitly aims to produce graduates and support staff who are engaged with their communities, empowered to act for good and determined to make a difference in the world.

What we offer

The University is committed to providing an excellent working environment, this includes a range of fantastic benefits including:

- professional development and study opportunities
- UC Parental Leave (up to 9 weeks paid) + 26 weeks Government paid parental leave and onsite childcare facility
- widely accessible sabbatical provision

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- generous employer contribution to superannuation (up to 6.75%)
- flexible working arrangements
- supportive working environment
- a unique working environment in a beautiful campus with access to UC facilities such as the recreation centre and Staff Club at discounted rates plus onsite cafés and eateries, and more.
- living in revitalised Ōtautahi | Christchurch, Aotearoa New Zealand

For more information on our Benefits, please visit <https://www.canterbury.ac.nz/about-uc/work-at-uc/benefits-working-uc>

For more information about Te Whare Wānanga o Waitaha | University of Canterbury generally, please visit <https://www.canterbury.ac.nz/>

This role sits within the Academic Staff, Associated Staff and Academic Support Staff Collective Agreement and the following salary scale applies: Lecturer \$92,334 - \$111,388 p.a.

The closing date for this position is: Sunday, 13 July 2025 (midnight NZ time)

Please note, applications will be reviewed after the close date.

Pōhea te tono mai | How You Apply

Applications for this position must be submitted on our careers website and should include the following:

- a cover letter outlining your interest in the role and your fit with the advertised areas of expertise
- a curriculum vitae (CV), including a list of publications and relevant teaching experience
- a brief teaching statement (1 page) describing your approach to teaching and relevant experience
- a brief research statement (1 page) outlining your research interests and future plans.

(Please note the above information will need to be amalgamated into two documents, before uploading).

We do not accept applications by email; however, we are happy to answer any queries at WorkatUC@canterbury.ac.nz

For further information specifically about the role, please contact: Associate Professor, Sid Becker, sid.becker@canterbury.ac.nz

For overseas applicants, please visit Immigration New Zealand website, to review the latest health and

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visa requirements for visiting and working in New Zealand.

To apply for this job, please click [here](#) or go to our job site and enter the job code 27012AK

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Associate Professor, Sid Becker
Te Tari P?hanga P?rere | Department of Mechanical
Engineering
University of Canterbury
Christchurch, Canterbury
New Zealand

Contact E-mail sid.becker@canterbury.ac.nz