

POSITION DESCRIPTION

Lecturer in Software Engineering and Computer Science

Reports to:	Head of School of Computing and Mathematical Sciences
Division:	STEM
Tenure:	Permanent
Location:	Tauranga
Date:	February 2026

Vision

Ko te tangata

A research-intensive university providing a globally connected, innovative and inclusive studenty experience in an environment characterised by a commitment to diversity, respect for Indigenous knowledge, and high levels of community engagement.

Values

Ko te mana o Te Whare Wānanga o Waikato ka herea ki tō tātou:

- Tū ngātahi me te Māori
- Mahi pono
- Whakanui i ngā huarahi hou
- Whakarewa i te hiringa i te mahara

The University of Waikato places a high value on:

- Partnership with Māori
- Acting with integrity
- Celebrating diversity
- Promoting creativity

1. GENERAL

The Division of STEM undertakes teaching and research in a range of core disciplines grouped under three academic schools. The Division also has several research units, and commercial/equipment units which embody staff and research activities.

Au Reikura - School of Computing and Mathematical Sciences - comprises several Academic Programmes including, Mathematics, Data Analytics, Computer Science, and Software

Engineering. The School offers a range of qualifications at undergraduate, post-graduate and professional training levels.

Courses are taught at the Hamilton campus, the Tauranga campus and online. Located in the heart of one of New Zealand's most desirable coastal regions, our Tauranga city campus offers a modern learning environment shaped by community, culture, innovation and world-class university study.

2. POSITION PURPOSE

To contribute to the teaching, postgraduate supervision and administration requirements of the School, maintain and develop original scholarship and research, and undertake professional/community/iwi service activities relevant to the profession or discipline.

Many of the tasks in the Lecturer to Professor range are common to each level, but as staff members advance in their careers, they are expected to perform the tasks at a higher level. This may be evidenced by an increase in the quality of teaching performance; a greater contribution to the advancement of the discipline through achievements in research and scholarship and/or artistic or professional practice; increased leadership; and a greater contribution to university administration and academic matters more generally.

3. ACCOUNTABILITY

The Lecturer is responsible to the Vice-Chancellor through their Head of School, or equivalent who in turn is responsible to the Vice-Chancellor through the appropriate Pro Vice-Chancellor.

4. KEY RELATIONSHIPS

Head of School
Programme Leads
Other School staff
Other staff at the Tauranga city campus
Students
Research and Enterprise Office
Relevant Research Institutes and Centres and external research agencies
External stakeholders

5. KEY RESPONSIBILITIES

Having regard to the aims, objectives and long-term strategic goals of the School, Division and University, the primary objectives required of a Lecturer include the following:

Teaching and Learning

- Prepare and deliver research-informed lectures and/or seminars and, as appropriate, conduct and/or co-ordinate tutorials, practical classes, demonstrations, or workshops.
- Contribute to or be responsible for paper co-ordination and delivery. This includes: administration; initiating and developing material; appraisal, review and evaluation of programmes and papers; development of the curriculum; developing and delivering on-line papers, where appropriate; and updating teaching resources and materials
- Carry out marking and assessment activities including the setting of examinations.
- Be readily available to advise and meet with students including maintaining regular office hours.

Supervision

- Supervise honours, graduate and postgraduate students.
- Supervise internship and placement students.

Research

- Maintain an active research programme and conduct quality research and contribute to knowledge development through scholarship and publication. This will include involvement in research projects and attendance and presentation at academic conferences and may include leadership of a research team and/or obtaining internal or external research funding for specific projects.
- Build and maintain national, and preferably international, research collaborations which enhance the profile and reputation of the University.
- Where appropriate, contribute to applications for external research funding and knowledge transfer and commercialisation activities.

Service and Administration

- Participate in professional and/or community/iwi and/or outreach activities relevant to the School.
- Carry out broad administrative functions including active and constructive participation at Programme and/or School meetings and undertake administration, planning and/or committee work where appropriate.

Other

- Participate in the maintenance of a safe and healthy work environment for self and others including students. Comply with and undertake responsibilities set out in the University's Health and Safety Policy.
- Any other duties that are consistent with the position held, other than in exceptional circumstances such as rehabilitation after injury or sickness.

NOTE: Staff have annual objectives, development and reflection (ODR) meetings with their manager.

6. PERFORMANCE STANDARDS

The Lecturer will be performing satisfactorily when:

- Teaching and associated duties are fulfilled to a high level as defined by School norms and expectations including paper appraisal and teaching evaluation.
- Student learning, at all levels, is appropriately facilitated in accordance with School, Division and University goals and objectives.
- Personal and/or team research and scholarship activities yield demonstrable outcomes normally evidenced by continued publications in books and refereed journals, presentation or publication of conference papers and/or performance/works of art/other non-print media outcomes, as appropriate.
- Research collaborations are developed.
- Regular contributions are made to appropriate professional and/or community/iwi groups and/or in a public service or University or national representation capacity.

- Regular contributions are made to the School administration, as appropriate, relative to workload norms and expectations.
- Safe and healthy work practices are followed. University policies and procedures, relevant work standards and statutory obligations are complied with.

PERSON SPECIFICATION

EDUCATIONAL QUALIFICATIONS

Essential

- A PhD in a relevant discipline.
- Appointment may be made subject to completion of a doctoral degree within a defined time frame.

TRAINING, SKILLS AND KNOWLEDGE

Essential

- Demonstrated success in undergraduate teaching including the ability to lecture to large numbers and conduct small group seminars and tutorials effectively.
- Ability to contribute to the graduate and postgraduate programme including the supervision of Honours, Masters and PhD students.
- Demonstrated commitment to using innovative teaching methods and materials e.g. online and distance delivery techniques, team teaching skills.
- Evidence of ability to conduct and publish research demonstrated by conference presentations and the quality of Doctoral/Masters research.
- Broad and in-depth knowledge of the following areas:
 - Must have experience in Software Engineering and Human-Centred Computing or related areas.
 - Human-Robot Interaction and engineering of social robotics.
 - Preferably experience in Professional Skills and links to industry.
 - Preferably also experience in Wearable Technology, the Internet of Things and/or Extended Reality.
- A proven ability to communicate effectively with students and staff.
- Demonstrated success in attracting external research funding.
- Demonstrated success in attracting and supervising high quality postgraduate research students.
- An interest and willingness to contribute to departmental and University administration matters.
- Demonstrated ability to master existing and new theories, models and approaches in the relevant discipline.
- Ability to apply information and communication technologies to achieve desired outcomes and maintain and update those skills.
- Time management skills.
- Current full driver's license.

PERSONAL QUALITIES

- Self-motivation and a pro-active approach including a demonstrated commitment to innovation.
- Demonstrated capacity to work effectively as a member of a team.
- Proven ability to maintain a professional approach while under pressure.
- Ability to relate effectively and sensitively to students and staff from a variety of backgrounds and cultures.
- Demonstrates a commitment to flexibility and resilience in a satellite campus environment, fostering a sense of connection within a distributed team.

- Commitment to a culture of openness, flexibility and cooperation to achieve excellence in academic programmes, research and service.
- A commitment to equal opportunity and to the University's partnership with Māori as intended by the Treaty of Waitangi.