

# STANDARD TEACHING AND RESEARCH POSITION DESCRIPTION



<b>Position</b>	Senior Lecturer in Information Technology
<b>Level/ Classification</b>	ACSLC
<b>Reports to</b>	Head of School of IT
<b>Division</b>	School of IT
<b>College</b>	College of Science, Technology, Engineering and Mathematics

## Position Purpose

A Senior Lecturer (Level C) is expected to have developed a strong research focus, evidenced by research outputs in quality research publications. This position contributes to the teaching effort of the School through the preparation and delivery of lectures, tutorials, other types of teaching activities, and supervision of honours and postgraduate students and is expected to perform a range of administrative and service functions within the School and across the University.

## About Murdoch University

Murdoch University is a young and dynamic university with a foundational commitment to the environment, social justice and inclusion, and making education accessible to more people. Founded as Western Australia's second university in 1974, today, Murdoch has more than 21,000 students and 1,700 staff across campuses in Perth, Singapore and Dubai. With more than 90,000 Alumni, Murdoch graduates can be found all over the world, making a positive difference.

Our Strategy – Ngala Kwop Bididi. Building a brighter future, together – guides the University's direction and reaffirms our shared purpose to change lives and society for the better through accessible education and research.

The Strategy is focused on three key themes:

- Sustainability: Be a leading university in education, teaching and translational research in sustainability.
- Equity, Diversity, and Inclusion: Build a welcoming, diverse and inclusive community.
- First Nations: Become the University of first choice for First Nations peoples.

Murdoch is also committed to building engagement with our local community, State, nation, and global society with a track-record in creating strong partnerships with business, government and industry.

## About the Work Area

The new School of Information Technology began operations on 1st January 2023. The school has excellent teaching and research facilities and comprises around 25 highly qualified staff.

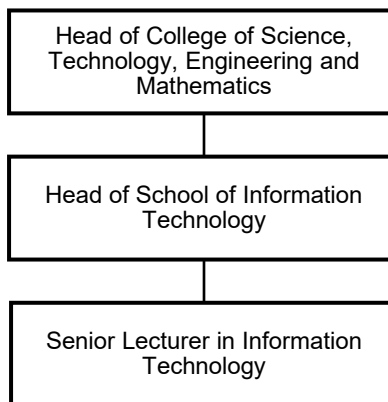
Key Information Technology research strengths include Artificial Intelligence, Image Processing and Computer Graphics, Cyber Security and Networking, and Business Information Systems. The school's teaching programs build on Murdoch's vast experience in scientific training and research and provide our graduates with a lifelong career path.

The Information Technology school offers a wide range of undergraduate and graduate courses for future and existing IT professionals, both in Perth and transnationally in Singapore, Dubai and Malaysia.

The following undergraduate majors are currently offered: Artificial Intelligence and Autonomous Systems; Business Information Systems; Computer Science; Cyber Security and Forensics; Internetworking and Network Security; Games Design and Development; Games Technology and Mobile and Web Application Development. Graduate courses include the Master of Information Technology and the Master of Science in Information Technology (each with three streams: Information Technology Management, Cyber Security and Networking, and Artificial Intelligence and Data Science). There are also degree programs in Data Analytics and a BIT/Bus program.

All academic staff contribute to teaching and the supervision of HDR students and involvement in external collaborations and outreach is highly encouraged.

### Reporting Relationships



### Key Responsibilities / Duties

1. Make significant contributions to undergraduate and postgraduate teaching, including the development of teaching programs, coordinating units offered both locally and transnationally, preparing and delivering lectures, workshops and tutorials, and designing assessments and marking.
2. Teach a broad range of subjects within the Information Technology discipline in general.
3. Initiate and develop course material and undertake course and program coordination.
4. Develop and practice innovative teaching and learning methods.
5. Consult with, and provide advice to, undergraduate, postgraduate and HDR students.
6. Supervise major honours or postgraduate research projects, as well as postgraduate course work.
7. Make a significant contribution to the College, the University, the profession and the discipline.
8. Play a major role in planning or committee work at the College and University level.
9. Undertake broad administrative functions.
10. Participate in the University's Academic Contribution Development Conversation (ACDC).
11. Undertake other duties as determined by the Head of School.

## Selection Criteria

### Essential

1. A PhD in computer science, software engineering, information technology or closely related area, and the ability to meet the requirements for membership of the Australian Computer Society.
2. Demonstrated experience in teaching Information Technology, at the undergraduate and postgraduate level.
3. Demonstrated ability to work under broad direction only, exercise initiative in undertaking responsibilities, work effectively as a team member and play a leadership role in teaching and learning activities.
4. Demonstrated knowledge of contemporary approaches to curriculum and pedagogy.
5. Demonstrated experience and success in innovative course and program coordination and design.
6. Well-developed interpersonal skills, past success in working effectively as a member of an interdisciplinary and collegial team, and the ability to take on a leadership role at the school level.
7. Demonstrated high levels of written and oral communication skills in English.

### Work Requirements

1. Australian permanent residency or possession of a valid visa with work entitlement in Australia.
2. A willingness and ability to travel internationally on a regular basis.
3. Ability to work outside of normal office hours when required.

### Probationary Review

This position may be subject to a probationary period, during which time the academic staff member is required to meet set probationary objectives and pass a probationary review. Probationary objectives are set following appointment to the position and confirmed at the first Academic Contribution Development Conversation (ACDC).

### General Obligations

While at work, an employee must:

- take reasonable care for their own health and safety and ensure that their acts or omissions do not adversely affect the health and safety of other persons;
- report incidents, injuries and hazards;
- comply with any reasonable instruction that is given by Murdoch University; and
- comply with Murdoch University policies and procedures.

### Academic Career Framework

Murdoch University's Academic Career Framework provides a transparent, equitable and consistent approach to probation and promotion as well as outcome and workload expectations. Please refer to the Murdoch University Academic Career Framework for performance criteria and expectations for all academic positions.

## Guiding Principles and Values / Code of Ethics and Code of Conduct

### Our Values

- Authenticity
- Integrity
- Respect
- Inclusivity
- Openness

### Our Principles

- Act with justice, respect and responsible care.
- Be collegiate and respectful of other points of view.
- Protect academic freedom.
- Be agile, flexible and resilient.
- Make decisions at the most appropriate level.
- Be transparent in decision-making and with information.
- Adopt common approaches to common tasks.
- Be careful stewards of our resources.

All staff will comply with the University's Code of Ethics and Code of Conduct and demonstrate a commitment to its Equity, Diversity and Safety principles and the general capabilities of personal effectiveness, working collaboratively and demonstrating a focus on results.

All Staff undergoing a probation period are required to set probationary objectives with their leader within 3 months of commencement.

*We acknowledge that Murdoch University is situated on the lands of the Whadjuk and Binjareb Noongar people. We pay our respects to their enduring and dynamic culture and the leadership of Noongar elders past and present. The boodjar (country) on which Murdoch University is located has, for thousands of years, been a place of learning. We at Murdoch University are proud to continue this long tradition.*