Position Description

Teaching and Research – Information Technology

Position No:

Department: Computer Science and Information Technology

School: Engineering and Mathematical Science

Campus/Location: Bundroora

Classification: Lecturer (Level B) - Networking

Employment Type: Full-time, Continuing

Position Supervisor: Head, Department of Computer Science and Information
Number: Technology

Other Benefits: http://www.latrobe.edu.au/jobs/working/benefits

Further information about: http://www.latrobe.edu.au/she
La Trobe University - http://www.latrobe.edu.au/about

For enquiries only contact:

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Position Description

Lecturer - Level B

A Level B teaching and research academic is expected to contribute to the discipline at the national and international level. They will develop curriculum, teach and undertake research or other scholarly work relevant to the development of their discipline or professional field.

Position Context

The College of Science, Health and Engineering comprises nine schools and sixteen departments with 1,000 staff and 16,000 students, including 900 PhD students across La Trobe's multi-campus operations and offers a range of general and specialist undergraduate and postgraduate courses. The College has an outstanding reputation for research excellence, for research translation and for building strong relationships with industry partners.

The School of Engineering and Mathematical Sciences (SEMS) has over 70 academic staff in three departments: Engineering, Computer Science and Information Technology, and Mathematics and Statistics in Melbourne (Bundoora) and Bendigo. The School has a reputation for innovative course design, the maintenance of a supportive student-centred learning environment and an outstanding research profile. The School offers a range of general and specialist undergraduate and postgraduate courses that are rigorous, attuned to emerging trends and taught by staff at the forefront of their fields.

This position is located in the Department of Computer Science and Information Technology in the School of Engineering and Mathematical Sciences on the Bundoora campus.

The Department of Computer Science and Information Technology undertakes a wide range of teaching and research programs in the area of cybersecurity, databases, computational intelligence, software engineering, and mobile and wireless computing. The Department is committed to the development and exploration of new and innovative teaching and research programs which drives opportunities for multidisciplinary collaborations across the School/College and the University.

The Department offers a range of undergraduate and postgraduate courses that are rigorous and attuned to meeting the needs of students in ensuring their readiness to work in changing environments. Over the years, the Department has produced a comparatively large number of PhD graduates. Graduates of the Department are now in the faculties of universities world-wide as well as holding key positions in industry globally.

We especially welcome candidates are able to demonstrate a strong research and teaching track record in interdisciplinary research.

La Trobe is a participant in the Athena SWAN Charter to enhance gender equality in Science, Technology, Engineering, and Mathematics disciplines. As such, we especially encourage female applicants to apply.

Duties at this level may include:

Research
- Conduct innovative and high impact research and produce high quality publications resulting from that research.
- Obtain research funding from grants, contracts, and consultancies, individually or as part of a team.

- Contribute to a robust and ambitious research culture within La Trobe.
- Supervise Higher Degree by Research, honours and postgraduate students.
- Engage with industry and develop technologies and systems that have impact in industry.

Teaching and Learning
- Design, coordinate and teach subjects and courses which provide a high quality learning experience that engages undergraduate, honours and postgraduate students.
- Design innovative and effective curriculum which reflects developing best practice nationally and internationally, utilising various methodologies including online and blended learning.
- Contribute to La Trobe's Scholarship of Teaching and disciplinary teaching pedagogy and research.
- Travel internationally for periods to deliver teaching at our international partnership institutions
- Contribute to knowledge and knowledge transfer at a local and/or internationally significant level.

Service
- Represent the discipline/program/department or school at external events.
- Contribute to building relationships at a local, national and international level.
- Perform allocated administrative functions effectively and efficiently.
- Engage with local, national and international academic and industry partners.
- Serve on committees at the school or program level and contribute to committees at the Department/School or College level as required.
- Undertake other duties commensurate with the classification and scope of the position as required by the Head of Department or Head of School.

Key Selection Criteria

ESSENTIAL:

- A PhD in a relevant discipline (information technology, computer science or engineering).
- Strong record of scholarly publications in CORE A/A* ranked journals and conferences in a topic relevant to networking.
- Experience in the preparation of research proposals submitted to external funding bodies.
- Demonstrated competencies in computer coding and an ability to teach fundamental computer science subjects.
- Demonstrated capacity in curriculum development at the subject/unit/module level.
- Ability to mentor and supervise undergraduate, honours and postgraduate students.
- Demonstrated ability to work collaboratively and productively with staff, students, and external stakeholders from multi-disciplinary domains.
- Demonstrated ability to work independently and as a member of a team in a co-operative and collegial manner.
- Good interpersonal skills that support the ability to establish and maintain highly collaborative working environments.
- Able to adapt to changes in the environment and effectively meet new challenges.
- Commitment to the University's Vision, Strategic Plan, Core Commitments and Values.

DESIRABLE

- Record of industry engagement

- A CISCO CCNA Instructor Certificate and experience teaching CISCO certification programmes
- Graduate Certificate in Higher Education or evidence of equivalent professional preparation for HE teaching

Other relevant information:
- The position description is indicative of the initial expectation of the role and subject to changes to University goals and priorities, activities or focus of the job.

Essential Compliance Requirements

To hold this La Trobe University position the occupant must:

- Hold, or be willing to undertake and pass, a Victorian Working With Children Check; AND
- Take personal accountability to comply with all University policies, procedures and legislative or regulatory obligations; including but not limited to TEQSA and the Higher Education Threshold Standards.

La Trobe Cultural Qualities

Our cultural qualities underpin everything we do. As we work towards realising the strategic goals of the University we strive to work in a way which is aligned to our four cultural qualities:

- We are *Connected*: We connect to the world outside — the students and communities we serve, both locally and globally.
- *We are Innovative*: We tackle the big issues of our time to transform the lives of our students and society.
- *We are Accountable:* We strive for excellence in everything we do. We hold each other and ourselves to account, and work to the highest standard.
- *We Care:* We care about what we do and why we do it. We believe in the power of education and research to transform lives and global society. We care about being the difference in the lives of our students and communities.