

Position Description – Lecturer in Engineering

Updated 12 August 2024

POSITION DETAILS	
College/Portfolio	College of Science and Engineering
Organisational Unit	Engineering
Supervisor (Title)	Professor Karen Reynolds
Classification	Academic Teaching & Research (Balanced) Level B
Employment Type	Continuing, full-time

POSITION SUMMARY
<p>The Lecturer will, under routine to general supervision, produce quality research and deliver undergraduate and/or postgraduate teaching in one or more of the existing engineering disciplines at Flinders.</p> <p>The teaching component includes the development of innovative teaching materials, multi-mode teaching delivery, including face to face and online, and other innovative and contemporary teaching and learning strategies, appropriate for the discipline.</p> <p>The incumbent will make independent high-quality contributions to research and/or creative activity, through activities such as quality publications, external grant acquisition and research student supervision.</p> <p>The incumbent will contribute to strengthening existing partnerships or exploring new partnerships with external stakeholders that have potential for providing improved teaching, learning and/or research outcomes for the University.</p> <p><i>The filling of this position is intended to constitute a special measure /equal opportunity measure under section 7D of the Sex Discrimination Act 1984 (Cth) and section 47 of the Equal Opportunity Act 1984 (SA). The position is therefore only open to applicants who are women.</i></p>

UNIVERSITY EXPECTATIONS AND VALUES
<p>All staff at Flinders are responsible for understanding their obligations and responsibilities as set out in the University's code of conduct and are expected to:</p> <ul style="list-style-type: none"> • demonstrate commitment to the University's values of Integrity, Courage, Innovation, Excellence, and the underlying ethos of being Student Centred; • contribute to the efficient and effective functioning of the team or work unit to meet the University's objectives. This includes demonstrating appropriate and professional workplace behaviours, providing assistance to team members, if required, and undertaking other key responsibilities or activities as directed by one's supervisor; • promote and support an inclusive workplace culture which values diversity and embraces the principles of equal opportunity; • perform their responsibilities in a manner which reflects and responds to continuous improvement; and • familiarise themselves and comply with the University's <i>Work Health and Safety, Injury Management and Equal Opportunity</i> policies. <p><i>A National Police Certificate which is satisfactory to the University will be required by Flinders University before the successful applicant can commence in this position.</i></p>

An up to date COVID-19 vaccination may be required as a condition of employment, in accordance with the Flinders University [COVID-19 Vaccination Policy \(2022\)](#). If required, any offer of employment will be subject to the successful candidate presenting their COVID-19 Digital Certificate as evidence of vaccination or showing evidence of a valid medical exemption, where relevant.

KEY POSITION RESPONSIBILITIES

The Lecturer in Engineering is accountable for:

1. Planning and delivering ethical, high quality, innovative and impactful research through activities such as quality publication, external grant acquisition, scholarship and presentation that aligns with the College's areas of research strength.
2. Contributing to the organisation, planning, delivery, and evaluation of teaching primarily within the suite of undergraduate and/or postgraduate topics/courses in engineering, through topic coordination, delivery of lectures, tutorials, laboratories, placements or other contemporary teaching strategies.
3. Delivering inspiring and innovative teaching informed by approaches that enhance the student experience and support students with academic and/or other challenges impeding their academic progress.
4. Focusing and contributing to supervision of research student programs.
5. Actively participating in College internal and external quality assurance and accreditation processes.
6. Actively participating in high performing multi-disciplinary teams with an education and research focus and contribute to the development of a respectful, trusting, and collaborative working environment.
7. Developing and maintaining strategic relationships and networks with a range of stakeholders including industry and professional associations and organisations.
8. Actively contribute to the integration and management of aspects of the academic and administrative life of the College.
9. Some out of hours work (including weekends) as well as rural SA, interstate, and overseas travel, may be required.
10. Any other responsibilities in line with the level of the position as assigned by the Supervisor and/or the University.

KEY POSITION CAPABILITIES

- Completion of a PhD, or equivalent qualification in engineering or related discipline(s).
- Demonstrated evidence of the ability to undertake high quality teaching in a range of engineering topics in a tertiary environment, including involvement in topic coordination and design.
- Demonstrated evidence of a strong research track record (for career stage) in engineering research including evidence of quality publications.
- The ability to attract significant external research funding and win competitive research grants.
- A growing reputation for research in an area that complements existing engineering research strengths within the College and a compelling vision for how their research will evolve in the short, medium, and long terms.
- Demonstrated understanding of the nexus between teaching and learning, research and scholarship.
- Demonstrated excellent oral and written communication skills and interpersonal skills, including the demonstrated ability to establish effective relationships with staff, students and industry.
- Demonstrated experience and successful track record in supervision of honours and higher degree students. (Desirable)