Associate Lecturer/Lecturer/Senior Lecturer/Associate Professor (Education Focused)
University of Sydney

Job Title	Associate Lecturer/Lecturer/Senior Lecturer/Associate Professor (Education Focused)
Department	Faculty of Engineering
Institution	University of Sydney
	Sydney, , Australia
Date Posted	Sep. 18, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
	Associate Professor
	Professor
Academic Field(s)	Computer Science
	Bioengineering (all Bio-related fields)
Apply By Email	
Job Description	

Job Title: Sydney Horizon Educators (Faculty of Engineering)

Associate Lecturer/Lecturer/Senior Lecturer/Associate Professor (Education Focused)

- **Full time continuingacademicAssociate Lecturer/Lecturer/Senior Lecturer/Associate Professor (Education Focused)positionsat The University of Sydney**

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Opportunity for the best and brightest talented educators to be part of our future at the Faculty of Engineering

- **Base Salary Level A/B/C/D $105,314p.a. - $199,585p.a. + 17% superannuation +access to up to AUD $30K to support education-related activities, including education-related research and education-related professional development and learning.**

About the opportunity

The University of Sydney welcomes applications for Sydney Horizon Educators in the academic disciplines outlined below, during an exciting and innovative time. With the introduction of the new University of Sydney Enterprise Agreement 2023-26, the University has committed to establishing and advertising new continuing education-focused (EF) academic positions, across the Faculty of Engineering.

You willhave the opportunity to make a significant contribution to teaching in your field of expertise while you also continue to build substantial research contribution, expertise, connections, and impact. As part of this role, you will also contribute to the governance, leadership, and engagement work of your employing school.

Over time, staff appointed to these roles will be supported to engage with professional development opportunities to build their capability to lead change and improvement in teaching and research at the University.

The University of Sydney is recognised as one of the top research and teaching universities in the world.

A globally ranked university, ranked 18th in QS University World Rankings 2025, 1st for sustainability in Australia.

Please select the position(s) for which you would like to apply when submitting your application.

Successful candidates will join the Sydney Horizon Educators cohort. For further insights into this exciting opportunity, we invite you to watch this video.

The aims of these education focused roles are to attract and retain the best and brightest emerging and established academics, within a specialised category of academic engagement. Positions in this opportunity are for talented educators with a passion for, and demonstrated excellence in, educational

practice and innovation, and research capability (in disciplinary and/or education-related research). This newly-recruited group of educators will support an uplift in the teaching capability and student experience at the University of Sydney, while also developing as leaders in the education space at the University.

You willhave the opportunity to make a significant contribution to teaching and learning design, delivery, and evaluation in your specialised field while you also contribute to research in relation to your discipline and/or your educational practice. As part of this role, you will also contribute to the governance, leadership, and engagement work of your employing school, particularly as it relates to education.

Successful candidates will be expected to dedicate most of their contribution to teaching and teaching-related activities (70%), while also engaging in research (20%) and governance, leadership, and engagement (10%). Successful appointees support, coordinate, and teach undergraduate and postgraduate coursework Units of Study. Laboratory, tutorial, studio class deliveries, and workshop management and teaching may also be a key part of the roles. These positions may also assist and guide the academic coordinators of other units within the discipline.

Over time, staff appointed to these roles will be supported to engage with professional development opportunities to build their capability to lead change and improvement in teaching at the University.

Your key responsibilities will be to:

- undertake a leadership role in educational innovation, and curriculum design and review, contributing to outstanding educational delivery and outcomes

- design and engage in high-quality teaching and learning experiences which meet the University's expectations and standards for education

- deliver outstanding teaching and learning outcomes for students

- develop teaching and unit materials

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maintain relevant Work, Health and Safety requirements and management including laboratory and/or field work

- through research and scholarly creative work, contribute to knowledge within your discipline or area of expertise, particularly as it relates to teaching and learning in your discipline

- develop and refine your education research skills, particularly as they relate to evaluating and improving teaching and learning in your discipline

- maintain high quality, standards and excellence in your educational activities and output

- contribute to the governance, leadership, and engagement work in your school.

To build on its already strong reputation in educational excellence, the University is seeking applications for the following positions:

Faculty of Engineering

- **Associate Lecturer/Lecturer in Collaborative Learning (Education Focused) Level A/B**

- **Senior Lecturer/Associate Professor in AI in Education (Education Focused) Level C/D**

- **Senior Lecturer/Associate Professor in Professional Engagement (Education Focused) Level C/D**

The successful candidates in the above roles will demonstrate passion for preparing students for their future careers and the strongest commitment to student success. They will lead Faculty efforts to focus attention on the respective areas mentioned in the role titles by improving upon existing strategies and practices and starting new initiatives. In brief, collaborative learning refers to teaching delivery that relies heavily on student participation in group activities; AI in education refers to the disruptive influence of generative artificial intelligence on many aspects of education, including but not limited to assessments and study resources; professional engagement refers to the contribution of non-academic stakeholders such as industry and government to the educational activities of the university.

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Teaching and coordination of new and existing units of study will be expected, whether in direct relation to the role titles or otherwise, as long as the subject matter aligns with the candidates' expertise. Such teaching and coordination may be in any school within the Faculty, as assigned by a manager. A proven track record of scholarship and publication associated with engineering education, or related areas, is encouraged (level A), highly recommended (levels B and C) and required (Level D).

School of Computer Science

- **Lecturer/Senior Lecturer in Computer Science (Education Focused) Level B/C (4 positions)**

The successful candidates will demonstrate passion for preparing students for their future careers and the strongest commitment to improving the student experience, through teaching and educational leadership in units of study and courses administered by the School of Computer Science (CS). Enrolments in CS units of study and courses are generally very healthy and successful candidates must be prepared to handle this and to undertake continual training and review to uplift their large unit teaching skills. Teaching and coordination of new and existing units of study will be expected. A proven track record of scholarship and publication associated with computer science education, or related areas, is required.

School of Chemical & Biomolecular Engineering

- **Lecturer/Senior Lecturer in Environmental and Chemical Engineering (Education Focused) Level B/C**

We seek a distinguished academic to join our newly introduced environmental engineering degree while enriching our established chemical engineering courses. We are seeking a versatile individual capable of bringing interdisciplinary approaches to train competent graduates to work across these disciplines in developing sustainable engineering solutions. The ideal candidate will have expertise in environmental conservation topics such as water resource management, air pollution, waste management, and environmental monitoring and pollution control, climate change mitigation, and resource recovery. Proficiency in recycling, upcycling, down cycling and circular economy principles and practices, and environmental policies and standards is highly desirable, along with a comprehensive background in chemical engineering or closely related disciplines. The successful applicant will be involved in adopting innovation in curriculum design and delivering learner-centric teaching practices to achieve outstanding student educational experience. Responsibilities include maintaining discipline knowledge to inform and enhance unit design and delivery at various level and leading collaboration across disciplines, engaging with industry associate lecturers, support teaching

staff to deliver interdisciplinarity and experiential teaching approaches, and spearheading high-quality research to advance both environmental and chemical engineering education, in addition to mentoring junior faculty members, emphasising pedagogical excellence and supporting career development. This position is an exceptional opportunity for those passionate about education and eager to significantly impact chemical and environmental engineering learning.

School of Project Management

- **Lecturer/Senior Lecturer in Project Management (Education Focused) Level B/C (2 positions)**

The ideal candidates in this role would focus on areas of teaching in some of the following domains: (i) Professional project practice, (ii) Project industry placement, (iii) Critical and systems thinking, (iv) Project pedagogy, (v) Legal aspects of projects, (vi) Contract management, and (vii) Project cost and time control. The successful candidate will demonstrate passion for preparing students for their future careers and strong commitment to improving the student experience. Teaching and coordination of new and existing units of study will be expected. A proven track record of scholarship and publication associated with project management education, or related areas, is highly recommended. The candidates are required to specify their experience on the topics within the discipline.

School of Electrical and Computer Engineering

- **Lecturer/Senior Lecturer in Software Engineering (Education Focused) Level B/C**

This role demands a passionate software engineering educator who thrives in a multifaceted environment. The successful candidate will not only deliver parts of a comprehensive curriculum encompassing software development, machine learning, computer systems, and networks, but also be instrumental in its evolution. To ensure continuous improvement, you will actively gather student feedback, assess the effectiveness of instructional materials, and champion ongoing curriculum development. A keen understanding of educational technology will also be crucial in this role. A proven track record of scholarship and publication associated with software engineering education will be an asset. Beyond the classroom, you will be a champion for academic integrity and actively participate in educational committees, shaping the future of the program.

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About you

The University values trust, accountability and excellence. As such, we see the importance of recruiting talented academics who align to these values and who will lead our teaching and research work at the university in the years to come. You will join a dynamic, engaged group in a highly collaborative and supportive teaching and research environment.

We are looking for**education focused**candidates whounderstand the principles and pedagogy of good curriculum and assessment design, and who will make a significant contribution to improving the student experience at the University. Successful candidates will understand or be willing to learn the research principles aroundteaching and learning design, delivery, and evaluation. They will have a demonstrated ability to interact effectively with students, facilitating and guiding their learning in research, theory, and laboratory sessions. They will also have demonstrated ability to conduct research and (at all levels, but particularly at Level C and D) a willingness to develop a program of education-related research over time.

We are therefore looking for **Sydney Horizon Educators** who have:

- a PhD or nearly completed PhD in an academic field relevant to the discipline

- experience in assessment, feedback and learning by design

- experience in contributing to outstanding educational design, delivery, evaluation and outcomes

- a developing network of relationships with key academic, industry or professional institutions partners and stakeholders

- demonstrated experience in supervising or mentoring others and/or coordinating team activities

- a demonstratedcommitment to excellence in undergraduate teaching

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sound experience of teaching and learning, and the ability to contribute to teaching at undergraduate, honours and postgraduate levels in lecture, tutorial and practical settings.

- proven experience in designing, implementing and evaluating teaching and learning initiatives

- a record of excellent teaching, learning, and assessment practice in a tertiary environment, as evidenced through student and supervisor feedback

- the capacity to engage students and enable a supportive, inclusive learning environment

- a high level of interpersonal skills including the ability to work collaboratively with colleagues

- the ability to work collaboratively with other staff, including professional staff, and foster principles of equity, diversity and inclusion

- high-level written and verbal communication skills.

Senior Lecturers who, in addition to the above can demonstrate:

- their knowledge and understanding of the key, strategic, education-related issues in the higher education sector and/or the University

- their experience as an effective unit, course or program coordinator or director (especially for large classes), as evidenced by student and staff feedback

- significant capability in leadership, service, governance, and engagement.

Associate Professor who, in addition to the above can demonstrate:

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service, governance, and engagement through their prior work in university and/or complex non-university organisations

- sustained record of excellence in teaching and learning design and practice.

- leadership of curriculum development than enhances student learning in the discipline curriculum

- extensive experience conducting original research and engaging in scholarly activity.

- their ability to obtain competitive grant funding for their education scholarship

- their leadership within the higher education sector, including demonstrated success in supervising and/or mentoring others (including honours students) to achieve career progression or professional advancement

- establishment of relationships with key academic, industry and professional institutions, partners and stakeholders that can be leveraged to enhance the standing of education in the discipline, School, Faculty and University.

The position level will be determined based on the candidate's skills, experience, and knowledge assessed by the selection committee.

Pre-employment checks

Your employment is conditional upon the completion of all role-required pre-employment or background checks in terms satisfactory to the University. Similarly, your ongoing employment is conditional upon the satisfactory maintenance of all relevant clearances and background check requirements. If you do not meet these conditions, the University may take any necessary step, including the termination of your employment.

To keep our community safe, please be aware of ourCOVID safety precautions which form our conditions of entry for all staff, students and visitors coming to campus.

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EEO statement

At the University of Sydney, our shared values are trust, accountability and excellence and we strive to be a place where everyone can thrive. We are committed to creating a University community that thrives through diversity and reflects the wider community that we serve. We deliver on this through our commitment to diversity and inclusion, evidenced by our people and culture programs, as well as key strategies to increase participation and support the careers of Aboriginal and Torres Strait Islander People, women, people living with a disability, people from culturally and linguistically diverse backgrounds, and those who identify as LGBTIQ+. We welcome applications from candidates from all backgrounds, including women.

We are proud to be recognised as an Australian Workplace Equality Index (AWEI) Gold employer. Find out more about our work on diversity and inclusion.

How toapply

Please prepare and upload a statement indicating how you believe you meet the criteria outlined in the "About you" of the advertisement (maximum 3 A4 pages)and a CV which can be submitted via the **Apply**button at the top of the page.Applications will be reviewed as received.

Current employee of the University or a contingent worker with access to Workday, please login into your**Workday**account and navigate to the Career icon on your Dashboard. Click on USYD Find Jobs and apply.

Anticipated timelines

Please refer to the**Engineering Recruitment Guidelines** for key information about this recruitment campaign.

Contact Information

For a confidential discussion about the role, or if you require reasonable adjustment or any documents in alternate formats, please contact Helen Efstathiou, Recruitment Consultant. Recruitment Operations, Human Resources on +61 2 8627 7137 or by email hr.recruitmentcampaign@sydney.edu.au

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The University reserves the right not to proceed with any appointment.

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Direct Link: https://www.AcademicKeys.com/r?job=245365
Downloaded On: Dec. 22, 2024 3:49am
Posted Sep. 18, 2024, set to expire Jan. 18, 2025

Click to view the Position Description for Associate Lecturer – Level A role.

Click to view the Position Description for Lecturer – Level B role.

Click to view the Position Description for Senior Lecturer – Level C role.

Click to view the Position Description for Associate Professor (Education Focused) – Level D role.

EEO/AA Policy

We are committed to diversity and social inclusion. We welcome applications from women (particularly for senior and non-traditional roles), Aboriginal and Torres Strait Islander people, people with a disability, people who identify as LGBTIQ, and people from culturally and linguistically diverse backgrounds. (c) The University of Sydney

Contact Information

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

Contact

The University of Sydney
Sydney
Australia

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