



Position Description

Engineer/Senior Engineer in Residence

School of Computing, Mathematics and Engineering

Faculty of Business, Justice and Behavioural Sciences

Classification	Level B/C
Delegation band	Delegations and Authorisations Policy (see Section 3)
Special conditions	Travel and overnight stays as an essential component
Workplace agreement	Charles Sturt University Enterprise Agreement
Date last reviewed	February 2022



About Charles Sturt University

Purpose

The Wiradjuri phrase *yindyamarra winhanganha* means the wisdom of respectfully knowing how to live well in a world worth living in. This phrase represents who we are at Charles Sturt University – our ethos. It comes from traditional Indigenous Australian knowledge, but it also speaks to the vision of the university – to develop and spread wisdom to make the world a better place.

Vision

Charles Sturt University is set to undergo a decade of great reform that will see the university characterised by these key elements:

- An uncompromising drive towards excellence in every aspect of its operations
- A far-reaching strategic re-positioning of teaching, learning, research, and innovation
- A cementing of our position as Australia’s pre-eminent rural and regional university

The overarching aim is to consolidate our institution so that it is demonstrably more resilient and sustainable by the end of the decade.

Goals

To deliver on our purpose and vision, the university has three key goals:

1. Maintain the university’s position in the top five Australian universities for graduate outcomes based on employment and salary
2. Embed a culture of excellence across all aspects of the university’s operations
3. Exponential growth in research, development, and innovation income in our chosen areas, delivering high impact outcomes for regional Australia

Our values

Charles Sturt has a proud history and is fortunate to have an outstanding group of diverse, passionate, and engaged people working with us. Our values of insightful, inclusive, impactful, and inspiring guide our behaviours and ways of working to help us achieve our ethos of creating a world worth living in.

Performance measures

In addition to the principal responsibilities all staff are required to contribute to the success of the university strategy including meeting university’s eight key performance indicators:

Our Students	<ul style="list-style-type: none"> • Commencing progress rate • Student experience
Our Research	<ul style="list-style-type: none"> • Research income • Research quality and impact
Our People	<ul style="list-style-type: none"> • Engagement • All injury frequency rate
Our Social Responsibility	<ul style="list-style-type: none"> • Underlying operating result • Community and partner sentiment



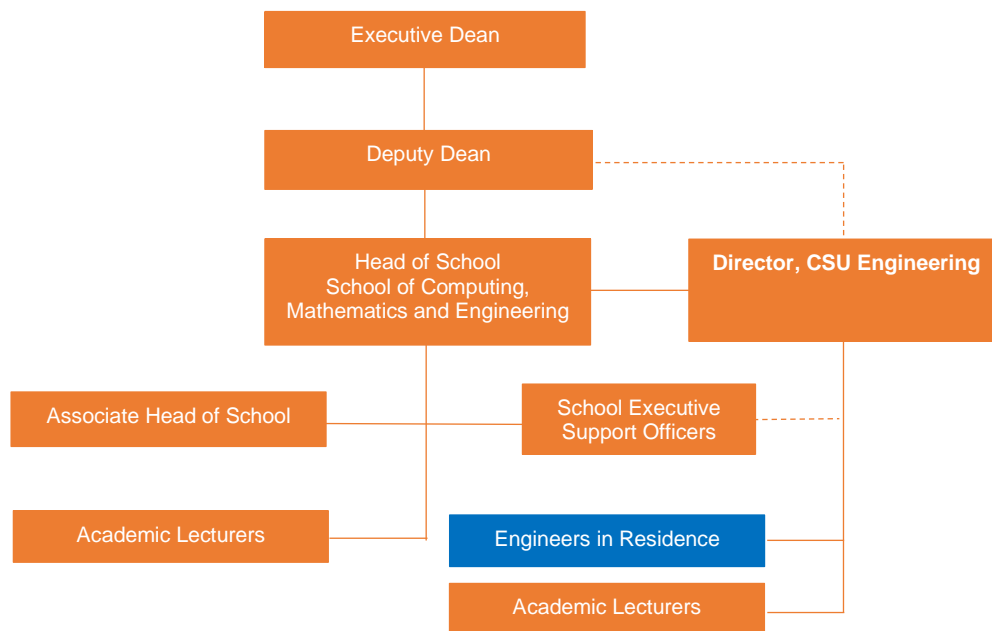
Faculty of Business, Justice and Behavioural Sciences

The Faculty of Business, Justice and Behavioural Sciences covers a diverse range of disciplines and is comprised of 5 Schools, and 2 Centres– the School of Business, School of Computing, Mathematics and Engineering, School of Policing Studies, Australian Graduate School of Policing and Security, School of Psychology, Centre for Law and Justice and the Centre for Customs and Excise Studies.

Our Faculty are leaders in their fields of teaching and research and combine significant professional experience with academic expertise. Our schools continue to grow through close collaboration and consultation with private industry, regulators, professional bodies, community engagement, partnerships and global networks.

For more information on the Faculty of Business, Justice and Behavioural Sciences go to: <http://www.csu.edu.au/about/organisational-structure/faculties-and-schools>

Organisational Chart



Reporting relationship

This position reports to: Director, CSU Engineering

This position supervises: Nil

Key working relationships

- Course Directors
- Faculty and School Staff
- Students
- External Industry Partners



Position overview

Engineers in Residence will draw upon their industry experience and background to ensure that the CSU Engineering learning environment represents the environment in which Cadet and Graduate Engineers will work. They will serve as a role model to students through their professional activities that contribute to the Engineering discipline and profession. They may work on commercial projects, individually and as part of a team, for a range of clients doing general and specialist consulting in their field.

Principal responsibilities

- Apply Charles Sturt University learning and teaching methodologies, processes, technologies, and tools to deliver high-quality student-centred learning opportunities in Engineering and as required to meet the teaching needs of the University.
- Proactively develop and foster relationships with a range of stakeholders predominately in industry, as well as community, government departments, and professional bodies.
- Engage in professional practice in engineering for the purposes of improving/transforming professional practice and feeding back into teaching and/or practice across the professions OR which demonstrates the maintenance or development of significant advanced practice skills or improves/transforms practices within the profession and which informs teaching.
- Engage in professional activities linked to knowledge development and problem solving such as research with, for and about the profession and about professional practice; projects related to critical evaluation and enhancement of practice; collaborations with research colleagues and professions/industries/businesses; authorship/editorship.
- Actively contribute to the governance, marketing and promotion, and administrative activities to facilitate the work of the Faculty/School.



Role-specific capabilities

The incumbent should be able to demonstrate the following capabilities to be successful in achieving the outcomes of the position.

Focus on service	Strive to meet needs and exceed expectations of our students, communities and colleagues (performance focus, quality outcomes, student welfare, equity and conduct).
Innovative	With creativity at our core, be open to new ideas and seek to find better ways.
Network	Bring people together and build relationships that deliver desired benefits and outcomes.
Present and communicate information	Speak clearly and fluently, express opinions, make presentations, respond to an audience, show credibility.
Learn and research	Learn rapidly, gather information, understand rapidly, manage knowledge, foster organisational learning
Achieve personal work goals and objectives	Accept and tackle demanding goals, work hard, make the most of development opportunities, seek progression.

Physical capabilities

The incumbent may be required to perform the following:

- Work in other environments beyond the school, such as other campuses, as well as possible car and air travel and work with a diverse range of staff, students, and community members.
- On occasion drive a university vehicle distances up to 500km per day within the terms of the university's Driving Hours Guidelines and Policy.



Selection criteria

Applicants are expected to address the selection criteria when applying for this position.

Essential Criteria for Appointment at Level B

- A. An accredited qualification as an engineer with experience equivalent to master level.
- B. A record of professional activity relevant to engineering, which demonstrates a capacity to make an autonomous contribution.
- C. Sound knowledge and understanding of the discipline gained through industry experience.
- D. Demonstrated high level written and oral communication and interpersonal skills including negotiating, presenting, active listening and the giving and receiving of constructive feedback.
- E. Demonstrated ability to build strong partnerships, networks, and relationships to achieve professional and team objectives.

Desirable Criteria for Appointment at Level B

- F. Chartered Professional Engineer (CPEng) status, or equivalent.
- G. Evidence of the delivery of high-quality student-centred learning and teaching, or experience supervising or mentoring cadet and junior engineers.
- H. Experience in roads, transport, or geotechnical engineering.

Essential Criteria for Appointment at Level C

- A. An accredited qualification as an engineer with experience equivalent to doctoral level.
- B. A record of significant professional activity relevant to engineering at a national level with comprehensive knowledge and understanding of the discipline gained through industry experience.
- C. Demonstrated ability to provide effective leadership in an academic setting.
- D. Demonstrated high level written and oral communication and interpersonal skills including negotiating, presenting, active listening and the giving and receiving of constructive feedback.
- E. Demonstrated ability to build strong partnerships, networks, and relationships to achieve professional and team objectives.

Desirable Criteria for Appointment at Level C

- F. Chartered Professional Engineer (CPEng) status, or equivalent.
- G. Evidence of the delivery of high-quality student-centred learning and teaching, or experience supervising or mentoring cadet and junior engineers.
- H. Experience in roads, transport, or geotechnical engineering.



● Brisbane

New South Wales

● Dubbo

● Port Macquarie

● Orange

● Bathurst

Goulburn
NSW Police Academy ●

● Sydney

● Wagga Wagga

● Canberra

● Albury-Wodonga

● Wangaratta
Regional Study Centre

Victoria

● Melbourne

● - Capital city ● - Campus location

