PURPOSE STATEMENT
The ANU College of Engineering and Computer Science (CECS) has embarked on a major initiative to reimagine the role of engineering and computing in the 21st century. As outlined in the CECS Strategic Intent, the College has a unique set of national responsibilities and an obligation to have a degree of impact befitting Australia’s only national university.

To achieve such impact our College embodies principles and values to guide the pursuit of excellence in education; research, engagement and impact; and collegiality. These principles include collaborative teamwork, common strategic intent, nurturing peer and junior staff members, and acting with purpose and professionalism. These attributes are articulated in the CECS Academic Performance Standards, which also indicate that each individual may pursue a unique path on the basis of their impact—which may cover a range of outputs and impact indicators. Our community contribute to making our environment the very best possible venue for all staff, stakeholder and student bodies.

The School of Cybernetics is focused on establishing CYBERNETICS as an important tool for navigating major societal transformations, through capability building, policy development and safe, sustainable and responsible approaches to new systems. Our key goals are:

- Activate cybernetics for national capability building.
- Generate sustainable funding for ANU through education, research and engagement.
- Build a strong diverse culture for an impact-oriented school, of the scale to support ANU and the nation.

The Technical Writer will deliver on the research and development of case studies in alignment with the school’s strategic educational and impact objectives.

KEY ACCOUNTABILITY AREAS
The ANU College of Engineering and Computer Science is an interdisciplinary venture, with the aim of housing the very best and brightest from around the world to find and solve problems—not just engineers or computer scientists, but also the brightest minds both from industry and other academic disciplines, with varied backgrounds and areas of expertise. We will reimagine the traditional engineering and computing disciplines. We believe the responsibility of engineering and computing in the 21st century is to bring together expertise on people, technological systems, and science to put technology at the service of creating a more sustainable, responsible and safe world.

The School of Cybernetics is a new organisation, and there is a critical need to design, drive and sustain a program of strategic activities that will launch the new School. The School will build on the foundational work of the Autonomy, Agency and Assurance Innovation Institute (3Ai). This is an opportunity to establish an innovative and forward-looking intellectual agenda, built on a diverse, inclusive culture.

The School of Cybernetics will initially have defined 4 broad focus areas, or activity clusters – Strategy, the 3AI Institute, Systems and Design. Each cluster will have a Lead who is responsible for leading the education, research and engagement activities in their area. This structure will allow for the concentration of resources and activities with a consequentially increased potential for meaningful impact.

Position Dimension & Relationships:
The academic will be a member of the School of Cybernetics within one of the four activity clusters, accountable to the Activity Cluster Lead and to the School Director, and (as relevant) will be responsible for relationships with industry, government and other academic and professional staff across the University.
The role involves educational activities, outward-facing engagement and outreach, innovative and distinctive research, and commitment to organisational culture. The staff member is expected to contribute cooperatively to the overall intellectual life of the School, College and University through:

- Development of case studies that support the establishment of innovative, interdisciplinary, outwardly focused programs blending education, research and engagement;
- Supporting the development of partnerships with industry and engage with the wider research community to embed cybernetic research and education capabilities;
- Contributing to the development of state-of-the-art, unique programs that are globally relevant to equip our students with diverse and multidisciplinary skills.

**Role Statement:**

Specific duties required of a **Level B Academic** may include:

1. Undertake high impact collaborative and cross-disciplinary research that generates creative works and a body of unique intellectual knowledge as relevant to the Activity Cluster, School, and College.
2. Contribute to the educational activities of the Activity Cluster and School. This includes, but is not limited to, the preparation and delivery of lectures, tutorials, short courses and workshops; the preparation and delivery of professional and executive education courses; the preparation of online material; marking and assessment; and consultations with students. This also includes, but is not limited to, supervision of research students and coursework students working on individual or group projects at undergraduate, honours, and graduate levels.
3. Take an active role in seeking and generating resources to support the development of deep and transformational expertise in fields relevant to the Activity Cluster, School and College. Achieve impact through engagement with a range of stakeholders and/or funding bodies and also through the preparation of research proposals.
4. Provide support to the engagement and impact activities of the School, with the aim to engage and activate a stakeholder community in academia/industry/start-ups/government/broader community, including communicating or publishing original, innovative and multi-disciplinary results in international refereed journals, academic seminars, national and international conferences, or appropriate fora for the field, and collaborate with other researchers at an international level. Also, assisting in outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
5. Supervise less-senior academic and research staff, as appropriate.
6. Maintain high academic standards and collegiality in all education, research, impact, engagement and administration endeavours of the School, College, and University.
7. Contribute broadly to all aspects of the operation of the School, College and University.
8. Take responsibility for workplace health and safety and not wilfully place at risk the health and safety of another person in the workplace.
9. Other duties as required consistent with the classification level of the position.

**SELECTION CRITERIA**

1. A PhD or equivalent in a disciplinary area of the School, or a related area as relevant to the School, with a competitive track record of either impact or research as evidenced by appropriate outputs and measures of esteem in industry, government or academic environments.
2. Evidence of effective teaching, training, facilitation, mentoring or other relevant knowledge transmission activities and of the ability to contribute significantly to delivery of the educational agenda in the Activity Cluster and School.
3. An ability to contribute to impact and engagement activities involving government, industry, the wider research community and the general public, including involvement in collaborations and partnerships with a range of internal and external stakeholders.
4. A demonstrated alignment with the School’s culture and work environment including a commitment to enhancing diversity and inclusion, characterised by an orientation to collaborative research; team-based projects; interdisciplinary activities and interests; strategic decision making; commitment to the success of peers and the team; and an ability to contribute to the strategic priorities and activities of the School and College.
5. Evidence of effective collaboration, team-based projects and interdisciplinary activities and interests. In particular, evidence of ability and experience in effectively establishing on-going support for industry-academia engagement, collaboration and partnerships.
6. An ability and commitment to win bids for competitive external funding to support individual and collaborative research, education and engagement activities with the Activity Cluster and School.
7. Excellent communication skills with the ability to inspire a wide range of audiences, including in cross-disciplinary areas and to foster respectful and productive working relationships with staff, students and colleagues at all levels. Skills in other forms of communication (such as visual communication, podcasting, video, etc.) or willingness to innovate in these areas will be well regarded.
8. Ability to mentor and develop colleagues to achieve goals in alignment with the College’s strategic priorities, particularly in relation to building a diverse and inclusive community life.
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<td>A demonstrated high-level understanding of equal opportunity principles and a commitment to the application of these policies in a University context.</td>
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*Consistent with their relative opportunity to do so, a **Level B Academic** will have a relevant doctoral qualification or equivalent accreditation and standing together with subsequent research (or R&D) experience. This may not apply to candidates coming from different fields such as industry or government. Once in the role, there will be an expectation of academic excellence, making an outstanding contribution to research and, in this particular position, the ability to collaborate with internal and external stakeholders outside of your domain. A position at this level will require a demonstrated record of research output in academia, industry or government.*

*The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the **Background Checking Procedure** which sets out the types of checks required by each type of position.*

**References:**
- [ANU Minimum Standards for Academic Levels](#)
- [CECS Strategic Intent](#)
- [CECS Academic Performance Standards](#)