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## POSITION DESCRIPTION

# Technology Translator

Faculty/Division	DVC-Research and Enterprise
Classification Level	Professional 8
Hours & Span (Category)	G - Administrative, Clerical, Computing, Professional & Research Staff
Position number	00221680
Original document creation	17 June 2025

## Position Summary

The Trailblazer for Recycling and Clean Energy (TRaCE) was awarded to the University of New South Wales (UNSW) and the University of Newcastle (UoN) to boost research and development and drive commercialisation outcomes with industry over the four years to 2026-27. The two universities have joined forces to lead this \$280 million program comprised of a range of research commercialisation initiatives that will help Australia, and the world fast-track the transition to sustainable recycling and clean energy solutions and systems.

As part of TRaCE, UNSW have established a team of Electrical Engineering Experts called the "Technology Translation Squad". This team provides rapid technical electrical engineering support for start-ups, small to medium Enterprises (SMEs) and established industry players to tackle technical engineering challenges as they drive innovation through the Technology Readiness Levels (TRLs). The team provides up to five free days of electrical engineering support and provides further support for small-large projects via a variety of engagement models. Note that this approach is the first of its kind in Australia and fundamentally revolutionises how Australian universities can deliver true impact through stronger and more agile connections between UNSW and industry.

The Technology Translator will be an 'industry-focused' electrical engineering expert role who provides rapid technical support to SMEs, start-ups and established players by addressing electrical engineering technical challenges. The role will require networking with existing and potential future stakeholders to help secure technology translation work and scope out the needs of these clients into clear projects. The Technology Translator role will also become part of a team of experts who may be employed in various high-impact technology translation and TRaCE projects including research, commercialisation and short-course development work. The role will assist with creating more synergy between Australian industry and universities like UNSW and will support multiple areas within TRaCE.

The role will report to the Lead Technology Translator and will have no direct reports.

## Accountabilities

Specific accountabilities for this role include:

- Independently translate client needs into a project scope and proactively manage and deliver small electrical engineering technology translation projects, for SMEs, start-ups and established industry players. This may include travelling to industry sites across Australia.

- Assist in the delivery of high-impact technology translation and TRaCE projects including research or commercialisation activities, grant or project proposal development and micro credential content development.
- Support learning progression with students through lecturing and developing short course content to achieve positive learning outcomes.
- Assist with the engagement of technical and non-technical stakeholders to promote and secure technology translation work. This includes building a rapport and relationships with these stakeholders.
- Attend industry and networking events to connect with existing and potential industry stakeholders, and present work to the media.
- Investigate important engineering industry research gaps, barriers and needs in the field of decarbonisation by connecting with industry. Assist with developing a plan for addressing these identified gaps, barriers and needs.
- Provide subject matter expertise regarding research, commercialisation and technology translation work at UNSW.
- Align with and actively demonstrate the [UNSW Values in Action: Our Behaviours](#) and the [UNSW Code of Conduct](#).
- Ensure hazards and risks psychosocial and physical are identified and controlled for tasks, projects, and activities that pose a health and safety risk within your area of responsibility.

## Skills and Experience

- Relevant tertiary qualification with subsequent relevant experience or equivalent competence gained through any combination of education, training and experience.
- Evidence of successful industry and/or academic engineering project work.
- Subject matter expertise and experience with various activities within a Technology Translator role.
- Evidence of an ability to effectively communicate with both technical and non-technical stakeholders, while building rapport and relationships with these clients.
- Proven experience translating client needs into a project scope and remaining adaptable to the changing needs of a client.
- Evidence of an ability to work autonomously and multi-task between many small projects.
- Demonstrated experience with technical report and specification writing and presentation skills.
- Proven commitment to proactively keeping up to date with discipline knowledge and developments.
- Demonstrated an ability to work in a team, collaborate across disciplines and build effective relationships.
- An understanding of and commitment to UNSW's aims, objectives and values in action, together with relevant policies and guidelines.
- Knowledge of health & safety (psychosocial and physical) responsibilities and commitment to attending relevant health and safety training.

### About this document

This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.