

Position Title: Degree Apprentice – Electrical and Electronic Engineer
Group (Job Family): Engineer
Reports to (Generic): Team Lead/Engineering Manager/Senior Engineering Manager

This position description has been provided by Flinders University's lead industry program partner ASC. There are a range of program partners offering degree apprenticeships. Please use this as a basis to create your application, noting that the nature and scope of the position will differ across employer partners. Places in this program are being offered by a range of employers, including but not limited to ASC, BAE Systems, and BHP, with additional partners to be announced.

Purpose of Position

The apprentice Electrical and Electronic Engineer will work in the Engineering or supporting disciplines/department, whilst completing their studies at university. This developmental role combines practical engineering experience and on-the-job training with exposure to the business in an engineering context, facilitating the apprentice mechanical engineers to explore their potential, broaden their development and stretch their capabilities whilst concurrently completing an Engineering degree at university.

This course is accredited at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord. Graduates meet the academic requirements for attaining chartered professional engineering status.

Nature and Scope of Position**Work Performed**

The apprentice Electrical and Electronic Engineer provides support and assistance to the Engineering and supporting discipline/department through rotations where instructed. They work under supervision requiring guidance, direction and identification of goals. Work tasks and priorities are set by others. The apprentice engineer is a team player, with a focus on development and knowledge building. Tasks may include:

- Work tasks required to complete hybrid university courses assessed by your employer;
- project work as allocated by supervisor / manager;
- performing discipline development activities using existing employer tools and procedures;
- preparation of engineering documentation such as specifications, test procedures and engineering reports; and
- other duties as assigned by a supervisor/manager.

Challenges and Problem Solving

The apprentice Electrical and Electronic Engineer is required to readily adapt to a working environment, by applying the concepts taught at university and applying them in a workplace.

The apprentice engineer will be required to work with a wide variety of team members to not only complete their work tasks but fulfil the requirements of the University hybrid courses.

The apprentice engineer will be provided with various tasks that enable them to develop their practical skills and knowledge and work with a wide variety of stakeholders.

Decision Making

The apprentice engineer determines appropriate engineering approaches based on their learnings at University to the tasks they are assigned and decides whether to handle issues or to consult their supervisor or mentor for resolution.

Communication

The apprentice engineer communicates primarily with:

- their supervisor and mentor;
- their own project team, and
- working teams (e.g., integrated product team (IPT)/ integrated working team (IWT) personnel, if applicable).

They are able to present material to their supervisor and mentor.

When a decision or action is being considered, the Apprentice Engineer **consults** the following subject matter experts as relevant to the specific task at hand:

- Their manager / supervisor,
- Engineering personnel, and
- Mentor.

Once a decision or action is taken, the Apprentice Engineer **informs**, as relevant:

- Their manager / supervisor,
- Their mentor, and
- Team members

All communication needs to be aligned with appropriate behaviours, ensuring a positive ‘can-do’ attitude that reinforces employer values.

Key Accountabilities

1. Achieve progress against agreed deliverables (product/services, quality and customer expectations).
2. Liaise, under supervision, with stakeholders on issues relating to assigned work.
3. Adhere to and comply with employer processes as documented in the Corporate Management System (CMS), including but not limited to the Engineering Management Plan and subsidiary documents, Intellectual Property, International Traffic in Arms Regulations (ITAR), Security, Workplace Health and Safety, and the Human Resources Manual.
4. Complete all subjects (including on campus and hybrid) necessary to complete University degree requirements.
5. Perform other duties as assigned, utilising relevant qualifications, skills and experience.

Key Competencies Required for the Position

1. Customer Service
2. Teamwork
3. Problem Solving
4. Flexibility
5. Integrity

Eligibility

To secure an offer, the successful applicant must meet the academic eligibility requirements and employment requirements of the Degree Apprenticeship.

Citizenship Requirements

Degree apprenticeship programs are only available to domestic students (Australian citizens, Australian permanent residents, and New Zealand citizens), and defence-related work is exclusive to Australian citizens.

Employment Checks

Admission to a Degree Apprenticeship is subject to selection by an employer partner as well as passing industry-required employment checks. Defence employer partners require you to obtain and maintain a National Police Clearance, an Australian Department of Defence security clearance, and meet International Traffic in Arms Regulations (ITAR) requirements.

Your employment is dependent on securing and keeping these clearances. To assess your eligibility to work in the defence industry, please visit the Australian Government Security Vetting Agency website. Non-defence employer partners processes may differ.

Academic Requirements

Applicants can apply for this course using the following qualifications: [Year 12](#) results (ATAR 75), the [Skills for Tertiary Admissions Test \(STAT\)](#), [TAFE/VET qualifications](#), [Flinders Foundation Studies](#) or [Tertiary Transfer](#). For further information regarding academic requirements see [Admissions Pathways](#).

Applicants will need to meet the subject prerequisite of SACE Stage 2 Specialist Mathematics or Mathematical Methods (or equivalent). Knowledge of SACE Stage 2 Physics or equivalent is assumed.

Current Year 12 students

If you do not have a current SATAC application, please email your Year 12 results to askflinders@flinders.edu.au once available.

All other applicants

Applicants are required to provide official academic transcripts from all study undertaken to support your application. Please upload your documents to your application or email them to askflinders@flinders.edu.au. If your Official Academic Transcripts are in a language other than English, applicants must submit scanned copies of both the original transcript and full translations in English.

*Due to industry-based nature of the programs, applicants with prior studies in Engineering may not be eligible for admission.

If you're unsure about your eligibility, please contact Ask Flinders askflinders@flinders.edu.au.