# Position Details

## Technical Services - CSOF1

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| The following information is for applicants |
| Advertised Job Title | Trainee Technical Officer - Electronics |
| Job Reference | 77346 |
| Tenure | Specified Term of 4 yearsFull-time  |
| Salary Range | AU$43,411 to AU$47,731 pa + up to 15.4% superannuation |
| Location(s) | Hobart, TAS |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | Australian/New Zealand Citizens Only |
| Position reports to the | Team Leader, Marine Instrumentation Team |
| Client Focus – Internal | 80% |
| Client Focus – External | 20% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Rob Gregor via email at rob.gregor@csiro.au or phone +61 3 6232 5425 |
| How to apply | Apply online at <https://jobs.csiro.au/> Internal applicants please apply via **Jobs Central**If you experience difficulties when applying, please email careers.online@csiro.au or call 1300 984 220. |

### Role Overview

This role provides a great opportunity for an aspiring electronics technician to join the Engineering and Technology Program. On-the-job training will be under the guidance of qualified technicians and engineers in the Instruments and Electronics Group. The trainee will concurrently undertake formal training and obtain an Associate Degree in Applied Technology (electronics) or similar discipline. CSIRO will support the trainee through the formal training, providing course fees, study leave, and informal tutorship.

The areas of in-house training are extensive and include component level circuit board assembly, instrument maintenance, wiring and machining techniques. As the training progresses, it will increasingly include electronic circuit design and manufacture, microcontroller programming, and fault finding of electronic and scientific equipment.

Upon successful completion of the traineeship program, the trainee may be considered for further employment with CSIRO subject to the availability of suitable positions.

### Duties and Key Result Areas:

Over the four year training period you will:

* Assist in the design and manufacture of electronic circuitry and systems under the supervisor of senior technical officers and engineers.
* Gain familiarity with hand-tools and machinery and be capable of performing tasks such as basic machining and fabrication.
* Learn to use software packages for electronic circuit and PCB, and mechanical design.
* Learn to use programming languages, particularly C and Python.
* Contribute to supporting laboratory operations, including monitoring and replacing consumables.
* Assist in maintaining a safe working environment by ensuring the workspaces and equipment are maintained at a high standard.
* Respond courteously and efficiently to requests for your services, keep clients informed about progress and redirect requests to appropriate staff when required.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Perform other duties as directed.

## **Required Competencies:**

* **Teamwork and Collaboration:** Demonstrates initiative, actively contributing as a team member. Supports team decisions and keeps other team members up to date about individual actions. Shares all relevant and useful information. Pitches in and helps other team members when necessary.
* **Influence and Communication:** Communicates basic facts in a courteous manner including posing appropriate questions to gain factual information.
* **Resource Management/Leadership:** Provides instruction and assists other staff to complete allocated tasks and activities.
* **Judgement and Problem Solving:** Selects appropriate solutions to clearly defined problems using readily available information. Alternatives are limited and prescribed or apparent.
* **Independence:** Accepts personal responsibility for doing the job well. Looks for opportunities to improve the way things are done and makes recommendations accordingly.
* **Adaptability:**Accepts the need for change to work routines or technology.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. Completion of Year 12 schooling with strong results in Math and Science/Electronics related subjects.
2. Aptitude for practical work and elementary knowledge of, and interest in the electronics trade.
3. Willingness to participate in field work which may involve working on ships at sea.
4. Ability to use a computer and associated software packages, especially the Microsoft Office suite including Word, Outlook and Excel and CAD (Computer Aided Drafting).
5. Ability to communicate ideas and information effectively as demonstrated in oral, written and graphical form.
6. Ability to participate and contribute to a team environment and complete assigned tasks under general direction.
7. Demonstrated initiative and self-motivation.
8. Awareness of and ability to adhere to safety procedures.

## **Desirable:**

1. Genuine interest in electronics and technology, demonstrated by hobby projects conducted in the applicant’s own time, for example projects utilising Raspberry Pi, Arduino, or similar microcontroller systems; or audio/radio projects, fault-finding, and repair of consumer electronics, or similar.

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

• The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.

## **About CSIRO:**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!

CSIRO is a values-based organisation.  In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* 1. People First
	2. Further Together
	3. Making it Real
	4. Trusted

Find out more about CSIRO [Engineering and Technology](https://www.csiro.au/en/research/natural-environment/oceans/engineering-technology)