

For further information contact

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AIG3113

TECHNOLOGY CADETSHIP

A new qualification for modern industry

Information for individuals

If you are a school leaver looking for a cutting-edge career in modern industry, then a Technology Cadetship could be the answer. The Technology Cadetship is an exciting new training and employment opportunity which combines both the general and technical skills required for working as a para-professional in modern manufacturing industry. A Cadetship gives you the opportunity to **earn while you learn** your way to a highly skilled and challenging career in competitive, innovative and hi-tech business environments.



As a Technology Cadet you would be working with leading edge enterprises that use innovation to be globally competitive, learning on-the-job from highly skilled technicians and managers, and attending training sessions with a Registered Training Organisation.

You would develop a valuable and transferable skill set with a focus on innovation, flexibility, problem solving, business planning and strategic planning in addition to skills in a specific technical area. As a valued employee you would contribute to the business 'bottom line' and would be provided the opportunity to grow with your employer.



What it involves

The Technology Cadetship is currently available at AQF Certificate levels III and IV which take approximately 12 months and two years respectively from start to finish. These programs result in a Nationally Recognised Certificate III or IV in Manufacturing Technology. During this time, formal training will be undertaken through a Registered Training Organisation, with the remaining time spent training on-the-job.

If you are employed by Ai Group Training Services, a group training organisation, you would undertake rotations with a range of enterprises during your cadetship. Alternatively, you may be directly employed with one enterprise and spend the whole of your Cadetship learning in-depth about the many facets of their business.

Career options

There are a range of career opportunities available to reflect the diverse skill needs of manufacturing enterprises. The initial range of career options available are as follows:

Drafting and Design

For a career in drafting and design. It covers both CAD (computer aided drawing) and traditional drafting principles as well as electives in information technology and manufacturing processes and operations. On finishing, you could be employed in a range of roles such as a Detail Draftsperson or CAD Operator.

Manufacturing Process Management

For a career in manufacturing process management. It covers industrial engineering, production planning, supervision, and teamwork principles. The opportunity to take units in related skills such as information technology is also included. On finishing, you could be employed in a range of roles such as a Production Planner, Estimator or continue through further on and off-the-job study to a management role.

Research and Testing

For a career in scientific and analytical support. It covers monitoring and evaluating a range of manufacturing processes and products. The opportunity to take units in related skills such as information technology and planning is also included. On

finishing, you could be employed in a range of roles such as a Junior Scientific Officer or Technician.

Technical Fields

For a career in a variety of technical fields. It can cover quality control, non-destructive testing, design and development work (for example, prototypes and specifications) and many other areas. This option is designed to provide a combination of manufacturing based skills as well as specific technical knowledge. Specialist skills can be selected to suit the specific business sector. On finishing, you could be employed in a range of roles such as Quality Control Officer or Non-Destructive Testing Technician.

Future Directions

The Technology Cadetship will provide you with an excellent foundation for an interesting, exciting and rewarding career in modern manufacturing industry. In the future, you may progress to higher level Cadetship qualifications at Certificate levels V and VI (Diploma and Advanced Diploma), and may also gain credit for entry into Engineering Degree programs.

The Technology Cadetship will be built upon in the future by expanding the coverage to a broader range of industry sectors. It is also planned to extend the Technology Cadetship into schools, providing opportunities for young people to get a head start on their first career while they are still at school, by undertaking a school-based Technology Cadetship.