Future Leaders of Industry Engineering Scholarship

Scholarship Duration: 1 year from 3rd year (single degree)/4th year (combined degree)
Scholarship Payment: $ 5,000
Scholarship Placement: 12 weeks paid work placement
Discipline: Electrical (Power / Control) or Mechanical and Process (Metallurgy)
Applications close: 5:00pm, Friday 12th March 2010
For more information: Contact rick.ryan@rmit.edu.au
Application form: See bottom of this document

Background of Company

Alcoa is the world's leading producer of primary aluminium, fabricated aluminium, and alumina and is active in all major aspects of the industry. The company has 129,000 employees in 42 countries.

Alcoa has established a globally recognised reputation for environmental stewardship and corporate responsibility. Alcoa defines sustainability as using its values to build financial and broader economic success, environmental excellence and social responsibility through partnerships to deliver net long-term benefits to our employees, customers, suppliers and the communities in which it operates.

In 2003, Alcoa celebrated its 40th anniversary of operations in Australia. During 40 years of production in Australia, Alcoa has grown from being pioneers of a new industry to become the world's largest alumina producer, a major producer of aluminium and a significant contributor to the wealth and well-being of the nation, its people and the communities in which Alcoa operates.

Alcoa of Australia has been a major producer of alumina and aluminium in Australia since 1963. It is Australia's sixth largest resource exporter and Victoria's largest exporter. Alcoa of Australia is an
integrated business comprised of bauxite mining, alumina refining, aluminium smelting, rolling and canned sheet products, with operations in Western Australia, Victoria and New South Wales. Alcoa’s investment in Australia totals over $12 billion dollars.

In Victoria, Alcoa operates two aluminium smelters, an aluminium rolling mill, a coal mine and power station. The aluminium smelters at Point Henry and Portland together produce approximately 30% of Australian total aluminium production. Every aluminium can made in Australia comes from Alcoa’s aluminium.

Alcoa engineers develop world class technical and management skills. At each Alcoa location, the engineering team plays a critical role in ensuring safe, sustainable and profitable production. In Victoria, a team of electrical, mechanical and process engineers leads the business’ efforts to implement standards and improve manufacturing, environmental and safety performance.

Alcoa promotes an inclusive work environment that embraces change, new ideas, respect for the individual and equal opportunity to succeed. Alcoa strongly believes you should be able to successfully balance your career with your life outside of work and therefore have a firm commitment to flexible work practices, parental responsibilities, community involvement and further study. Alcoa is recognised as an Employer of Choice for Women and has excellent work-life balance policies for all employees.

At Alcoa, you will experience a commitment to world’s best practice and some of the most unique technical challenges in the industry, ensuring your personal development as a world-class engineer.

Successful scholarship applicants will have an opportunity to contribute to Alcoa’s success and learn from this hands-on experience during their work placement.

About the Scholarship

The scholarship is part of Alcoa of Australia’s Future Leaders of Industry Program. Alcoa of Australia maintains its approach to recognising and rewarding young people in the education system through its scholarships and awards program throughout its Australian sites.

Because diversity is central to our strength as a company, Alcoa is committed to ensuring that access to science, engineering, technology and business training is available to all, particularly those in regional areas as well as those from non-traditional engineering backgrounds.

The Future Leaders of Industry Engineering Scholarship is directed towards engineering disciplines that are critical to maintaining and growing a world class manufacturing capacity in regional Victoria. Combining the scholarship with a 12 week work placement provides an outstanding opportunity for students to gain practical experience in the engineering field and develop an awareness of the opportunities and challenges they will face during their engineering careers.

Work Placements

As part of the scholarship, participants will complete a paid 12-week work placement at one of Alcoa’s sites in Victoria. The work placement will comprise work experience and placement as part of a site engineering team within an operating area. The participant will work as part of the engineering team, be provided meaningful and hands-on work involved in typical manufacturing projects, and be assigned a supervisor to provide support and coaching throughout this period.
Where required, in consultation with the student, work placement programs will be developed to support academic requirements.

Alcoa will expect the scholarship recipient to provide a summary of experiences, lessons and feedback at the end of the placement to help design and implement future work placements.

Criteria for student selection

1. The student will:
   - be a permanent resident of Australia
   - not be committed to another employer, or hold another scholarship
   - entering 3rd year (single degree) or 4th year (combined degree)
   - demonstrate a high level of academic achievement with a credit plus average in electrical or process engineering
   - possess a high level of communication, team and interpersonal skills
   - possess motivation for the chosen field of engineering
   - be prepared to undertake 12 weeks of paid vacation work at any of Alcoa’s Victorian operations as nominated by Alcoa
   - Participate in all aspects of Alcoa’s operations for the duration of the scholarship, including in communications and community relations materials and opportunities to highlight the importance Alcoa attaches to providing opportunities for young people.
   - Applicants who reside in or wish to pursue a career in the communities in which Alcoa operates in Victoria, will receive favourable consideration.

2. Students applying to be considered for this scholarship shall provide to the Faculty Office, by the advertised closing date:
   - A transcript of their results
   - A CV
   - Confirmation of their enrolment in subjects which fall within the fields covered by the scholarship.
   - A one page cover letter (setting out applicant’s career aspirations and what they hope to learn about an engineering career during the 12 week work placement).
   - A completed Alcoa application form

3. Applicant Selection:
   Scholarships will be promoted to all prospective students. Applications will be short-listed by the College of Science, Engineering and Health. A selection committee made up of representatives from Alcoa of Australia and an Academic from the College of Science, Engineering and Health will make the final selection of the scholarship recipient based on applications and interviews.

4. Retention of Scholarship:
   Scholarship holder/s to maintain a consistent level of academic achievement in each semester of study undertaken.
Alcoa Future Leaders of Industry Engineering Scholarship

Application Form

Student ID: ..................................  Email: ...........................................................................................................
Surname: ...........................................  Given Name: ....................................................................................
Address: ..............................................................................................................................................
..............................................................................................................  Postcode: ......................
Tel: (h)....................................... (m) ..................................................... Fax: ..........................................
Field of Engineering: ................................................................................................................................

Criteria for selection:

- be a permanent resident of Australia
- not be committed to another employer, or hold another scholarship
- entering 3rd year (single degree) or 4th year (combined degree)
- display a high level of academic achievement in electrical, process or mechanical engineering
- possess a high level of communication, team and interpersonal skills
- possess motivation for the chosen field of engineering
- be prepared to undertake 12 weeks of paid vacation work at any of Alcoa’s Victorian operations as nominated by Alcoa
- Participate in all aspects of Alcoa’s operations for the duration of the scholarship, including in communications and community relations materials and opportunities to highlight the importance Alcoa attaches to providing opportunities for young people.
- Applicants who reside in or wish to pursue a career in the communities in which Alcoa operates in Victoria, will receive favourable consideration.

Students to provide:

- A completed application form
- A one page cover letter (setting out applicant’s career aspirations and what they hope to learn about an engineering career during the 12 week work placement)
- A Curriculum Vitae
- A transcript of their results
- Confirmation of their enrolment in subjects which fall within the fields covered by the Scholarship.

Application submission details:
Return your signed Application Form with all supporting documentation by 5:00pm Friday 12th March 2010 to Rick Ryan, Building 14 Level 12, City Campus, RMIT University.

For more information contact:
Rick Ryan by email rick.ryan@rmit.edu.au

Signed: .......................... Date: ..........................