



UNIVERSITY OF
TECHNOLOGY SYDNEY

UTS: ENGINEERING INTERNSHIPS

INFORMATION FOR EMPLOYERS



www.eng.uts.edu.au/internships



WHAT EMPLOYERS AND INTERNS SAY ABOUT THE INTERNSHIP

"Since the late 90's we have been employing students from UTS Engineering for their 6month internship. This is a great way to get access to quality students. Students are a great addition to our work teams and can perform to a high standard and contribute to our projects.

We will continue to work with UTS Engineering as it brings benefits to us as well as supporting young engineers."

Robert Cooper, Managing Director, Arenco

"I am always enthralled to see the change in character and maturity from the time a student starts to the time they return to their studies 6 months later. Added to this is the fact that the employment relationship is mutually beneficial to our company and the student."

Joe Hauser, NSW State and ACT Manager, Construction Macmahon Contractor

"Junior interns are a good clean canvas we can develop into productive members of our team. They know how to learn effectively, and are able to overcome their lack of desired technical skills."

Rodrigo del Busto, Origin Energy

"The internships provide students an opportunity to experience the real world of engineering as well as providing a medium to use theoretical knowledge learnt within the course. "

Daryl Maisey, Mechancial and Mechatronics student

"The internships break up what can be an extensive four year degree. The internships provide students an opportunity to get their 'feet wet' and experience what's been taught in the classroom before graduating."

Eloise Chapman, Civil and Environmental student



Hundreds of employers have discovered a smart and affordable way to increase their pool of engineering talent by taking advantage of the Internship program and employing a UTS:Engineering intern. In a recent Industry Partnering Unit (IPU) employer survey over 95% of supervisors agree that the students are productive for the company.

Securing the right graduates

Providing a quality internship experience is the gateway to securing the right graduates.

- > In 2009, the UTS:Engineering graduate employment rate was 90% - significantly higher than the national average. Many graduates chose to work for companies they formed relationships with during their internships.*
- > The internship experience allows employers to consider and assess students as potential employees and get a jump on graduate recruitment.

Solving short-term staffing needs

- > Interns offer a flexible and cost effective way of resourcing your business during peak periods or when special projects require extra staff.
- > Interns are well educated, skilled self-starters who can immediately contribute to your workplace.

Shaping the future generation of engineers

Enjoy the enthusiastic input of eager young engineers in your workplace and help to shape the next generation of engineering professionals.

Utilise our flexibility

There are many ways that we can accommodate employers' internship needs.

These include:

- > In allowing students to complete their internship part-time; and once the internship is complete they can continue with part-time employment while finishing their degree
- > Employers can take students back-to-back in a rolling program of internships.



Engineering disciplines

Students are available in the following areas:

- > Civil
- > Civil (Construction)
- > Civil (Structures)
- > Civil and Environmental
- > Electrical
- > ICT Eng
- > ICT Eng (Computer Systems)
- > ICT Eng (Software)
- > ICT Eng (Telecommunications)
- > Mechanical
- > Mechanical & Mechatronics

Some students will also have taken a combined degree bringing added skills which can include knowledge of a language or business.

HOW TO EMPLOY AN INTERN

Register with the Industry Partnering Unit

We make it very easy for you to recruit an intern. Register your company with the IPU and submit your vacancies by either, completing the online form, or downloading, completing and faxing the forms found at:

www.eng.uts.edu.au/internships

1. When you register and place a vacancy with us, we will send you a confirmation.
2. Your internship vacancies will be advertised directly to students via our web-based system and you will be notified when the position is visible to students.
3. Student resumes are categorised by discipline and stage before being forwarded to you.
4. You interview and select the most suitable candidates.
5. You negotiate a contract of employment directly with the successful student(s).
6. Advise IPU of successful and non-successful students.

Direct Approach

Students who approach you independently can be employed by negotiating a contract of employment directly with the student and then registering with us or the student can register on your behalf as they advise us on the details of their internship.

INTERNSHIP FACTS

UTS has a distinctive five-year engineering program which prepares students for professional practice. All our Bachelor of Engineering, Diploma in Engineering Practice students integrate two six-month periods of paid engineering internship in a real workplace setting into their degree.

Completing twelve months of relevant engineering experience before they graduate enables students to link learning in the workplace and learning at university, with each experience enhancing the other. This ensures our graduates are in high demand with employers. Up to 300 UTS:Engineering students are out working in industry every semester.

Internships

The two internships which students complete during their degree are:

First Internship (Junior)

Students normally take their first internship in the second year of the degree. These students offer companies an intelligent and enthusiastic temporary employee with the skills to contribute significantly at a relatively low cost.

Second Internship (Senior)

Students normally take their second internship in the fourth year of the degree. These students are in high demand with many offers of employment. They are close to qualifying as an engineer and can undertake challenging projects, frequently leading to final-year collaborative Capstone Research projects.

Student must be supervised or have access to a qualified engineer.

Duration

Internships should be a minimum of 24 weeks or equivalent part-time (minimum 21 hours per week).

Dates and Timing

Students are available to start work most of the year. However, the majority of students start their internships in either December and January or July and August.

April-June: Submit your Internship Descriptions for Jun/Jul start.

Oct-Dec: Submit your Internship Descriptions for Dec/Jan start.

Salaries

Typical pay rates are given below as a guide for employers, but you need to negotiate a rate directly with your successful student(s). Your success in attracting interns may depend upon the nature and challenge of the position offered in addition to the rates of pay.

Typical Gross Salaries (\$) per week

Stage of Course	Average Salary
1 st Internship	650
2 nd Internship	750

These are average internship salaries for 2009 and should be used as a guide only.

CAPSTONE PROJECTS

All UTS:Engineering students complete a final year Capstone Research project (thesis). Students are encouraged to do this on a real industry-based problem.

Internships allow you to develop links with students, who are supported by academics and have the ability to undertake complex Research & Development projects for your company. Numerous students have helped companies carry out program and product reviews and many have even helped increase business through their successful research.

OTHER OPPORTUNITIES

Employing an intern can be a stepping stone to a range of partnering benefits offered by UTS.

- > Scholarships
- > Industry Advisory Network
- > Prizes
- > Research

For more information on how to partner with us, visit www.eng.uts.edu.au

CONTACT

Industry Partnering Unit
Faculty of Engineering and IT
University of Technology, Sydney
PO Box 123, Broadway NSW 2007
Tel: 02 9514 2026 / 2381
Fax: 02 9514 2611
Email: internships@eng.uts.edu.au
Web: www.eng.uts.edu.au/internships