Help us take our students’ education beyond the classroom so graduates can make a difference at your company.

What is Industrial Training?
As part of their degree, UNSW Engineering students are required to undertake 60 days of Industrial Training to qualify for accreditation from Engineers Australia. Industrial Training is an opportunity for students to gain degree-relevant work experience and to develop the skills required to be a professional engineer.

Why should you choose UNSW Engineering for Industrial Training?
You can collaborate with UNSW to create unique, innovative and entrepreneurial engineers.

All students graduate with on-the-job experience through Industrial Training. It enables your company to work with future graduates and identify future employees.

UNSW Engineering attracts students of the highest calibre. It has the widest range of degrees on offer in NSW across nine engineering disciplines:

- Biomedical
- Chemical
- Civil
- Computer Science and Software
- Photovoltaic and Renewable Energy
- Mechanical and Manufacturing
- Electrical and Telecommunications
- Petroleum
- Mining
Benefits of employing a student for Industrial Training

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<th>Benefits</th>
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<tr>
<td>1</td>
<td>Increased visibility and loyalty among students and graduates who become future employees</td>
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<td>2</td>
<td>Enhanced standing of your business or organisation among future engineers</td>
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<td>3</td>
<td>Opportunity to work with future graduates to identify potential graduate recruits</td>
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<td>4</td>
<td>Professional development and personal satisfaction for staff through the experience of engaging and mentoring students</td>
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<td>5</td>
<td>Chance to develop a relationship with UNSW, potentially leading to further collaboration</td>
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<td>6</td>
<td>Ability to advertise opportunities you may offer via our UNSW Careers and Employment <a href="http://www.careers.unsw.edu.au/employers">www.careers.unsw.edu.au/employers</a></td>
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"Industrial Training is a great opportunity for our engineering team to work with potential future employees, and to provide students with valuable experience in a fast-paced, innovative work environment."

Tony Krogh,
General Manager,
Scott Automation & Robotics
What our students gain from Industrial Training

1. First-hand experience
2. Ability to apply technical knowledge and methods in real-life situations
3. Opportunity to work with other engineering professionals
4. Experience working for a company
5. Increased technical, interpersonal and communication skills
6. Higher level of work involvement
7. Sharper perceptions of engineering practice

Undertaking Industrial Training was the perfect opportunity to translate theoretical knowledge learned at university to a more practical, commercially relevant skill-set. Having successfully completed smaller projects, I was able to deliver a real-value addition to my employers and better align myself with my desired career path.

Hasintha Attanayake, BEng (Industrial Chemistry) and BSc (Chemistry and Pharmacology) student

Hasintha was an intern at BASF (construction chemicals division) and the Department of Defence, Science and Technology.
Questions and answers about Industrial Training

How does Industrial Training work?

Students choose how they wish to complete their Industrial Training. It might be undertaken during a student’s semester breaks or 1-2 days per week throughout the year. As students are not required to complete all 60 working days with a single employer, you may offer a shorter duration – the minimum is 10 working days.

Do businesses pay students for the work they do in Industrial Training?

Students can be employed full time, part time, casual or on a fixed-term contact for which they receive payment. You must ensure students are paid the applicable award rate. In extenuating circumstances, where students are unable to find paid Industrial Training, they may undertake an unpaid placement. In this instance, it must be demonstrated that the role allows them to achieve their learning objectives and does not assist with ordinary operational business. UNSW will ask you to complete a risk assessment and an outline of the learning outcomes the student will achieve. For further information, please refer to the Fair Work Ombudsman [www.fairwork.gov.au/employee-entitlements](http://www.fairwork.gov.au/employee-entitlements).  

Is insurance required?

As an employee, the student would be covered under your workers’ compensation and public liability insurance cover. If the student is undertaking unpaid Industrial Training in Australia (see “Do businesses pay students?” question), UNSW can provide a Certificate of Currency for Personnel Accident and Public Liability that covers their Industrial Training period (for a maximum of 60 days). For international industrial placements, it is recommended that students check with UNSW insurance regarding their cover.

What are the rules for employing international students?

As Industrial Training is a requirement of a Bachelor of Engineering degree at UNSW, international students can work the full-time equivalent of up to 60 days during their course of study. In addition, an international student enrolled in, studying and completing a Bachelor degree or Masters by coursework at an Australian university will generally hold a visa that permits the student to work 40 hours per fortnight when the university is in session and unlimited hours when the university is not in session. It is the responsibility of each student visa holder to ensure that they have work entitlements at all times they undertake work in Australia.
Questions and answers about Industrial Training (cont.)

How does a business prepare a student for Industrial Training?

A student must receive a position description along with a formal contract prior to commencement. The induction process should cover the normal organisational induction information, introducing the student to your work environment. Students also need to be aware of confidentiality issues and legal, ethical and other professional behaviour requirements including dress standards and office etiquette.

What are the requirements of Industrial Training?

- The student completes the obligatory hours of engineering practice, which requires your certification
- The student writes a report that reflects on their exposure to professional practice and addresses Engineers Australia’s stage 1 competencies
- You complete an evaluation that provides feedback to the student

Completing my Industrial Training allowed me to develop professional networks that will hopefully aid me in securing a graduate position.

Scott Bennett,
Mechatronics Engineering student
Scott undertook Industrial Training placements at the Simulation and Virtual Engineering Lab at UNSW and CPB Contractors.
Other opportunities to engage with UNSW Engineering

1. Invest in world-changing research with internationally renowned UNSW academics

2. Join the Industry Partnership Program to engage with our students for graduate employment opportunities

3. Be an industry partner for one of the Student-led Activities through a financial, in-kind or mentoring capacity

4. Become a scholarship donor and help the engineers of the future

“Getting to use problem-solving skills I learned in class to help solve real-world issues has been the most satisfying part of my time at University.”

Hamish Elliot,
Mechatronic and Biomedical Engineering Student
Undertook a placement at Saluda Medical.

“Our training and development schemes for industrial trainers are value-adding for both parties.”

Robert Aurisch,
Plant Manager, Sydney Water
How to advertise

To promote any industrial training and employment opportunities, visit our Careers and Employment website: careers.unsw.edu.au

More information

To learn more about Industrial Training and how to become a partner, please contact:

**Industrial Training Office**
UNSW Engineering
E: ENG.it-training@unsw.edu.au
W: engineering.unsw.edu.au

To learn more about our Student-led Activities and the Industry Partnership Program, please contact:

**Student Opportunities Team**
UNSW Engineering
E: engprojects@unsw.edu.au
W: engineering.unsw.edu.au