Civil, Environmental and Mining Engineering

UNDERGRADUATE WORK EXPERIENCE DIRECTORY
The School of Civil, Environmental and Mining Engineering (CEME) prides itself on both the quality of its students, and its close relationship with industry – locally, nationally and internationally. It aims to produce high-calibre graduates ready for successful employment anywhere in the world in their chosen specialisation.

The School believes that work experience completed during a student’s study is an integral part of achieving this goal, as it informs specialisations, provides practical on-the-job experience for students, and facilitates the development of key relationships between businesses and their future staff.

So in other words it can help students decide on a career path, finalise their study options to make that career a possibility, and make beneficial industry connections that will help them find a great job once they have completed their degree.

This is why we make it a prerequisite for every student studying our programs to complete at least 12 weeks of either paid or unpaid work experience before they complete their study.

**Finding the Right Fit**

We know that choosing the right company to apply to for work experience can be a daunting experience for some students.

So to help students find the right fit for their particular specialisation, we have begun to compile this directory which includes information on applying for work experience and vacation programs, and also provides some information on the companies that are looking specifically for students studying our programs: Civil, Architectural, Environmental and Mining Engineering.

**The CEME Undergraduate Work Experience Directory:**

- Is available to all students enrolled in CEME programs.
- Provides students with comprehensive information on companies offering work placements specific to CEME Engineering disciplines.
- Helps students to research the different companies to find the one that they will get the most benefit from; and,
- Provides application details and contacts for further information to help make the process easier.

**Other Student Career Services**

If you are looking for work experience or a vacation placement, make sure you are also signed up to the CareerHub online jobs database, which is provided by the University’s Careers Service. Here they often advertise graduate programs, vacation programs, internships, and casual work opportunities for current students.

They can also provide help with career counseling, resume or interview assistance, access to the Careers Expo and ‘Careers on the Move’ events, and a heap of other useful resources to help you find the best work experience or vacation placements for you.

**Career Services**

Level 6, Hughes Building

www.adelaide.edu.au/student/careers/

E: careers@adelaide.edu.au

T: (08) 8303 5123
Company Profile

QUICK REFERENCE GUIDE

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INDUSTRY
Building/Civil Construction

SECTOR
Buildings, Roads, Infrastructure, Rail

LOCATION
Metropolitan SA

RELATED CEME ENGINEERING PROGRAMS
Architectural
Civil & Environmental
Civil & Structural

CITIZENSHIP STATUS
Domestic students only

BAULDERSTONE

Company Profile
Baulderstone is one of the largest engineering and building service providers in Australia.

With works ranging from commercial and healthcare through to water, rail and roads, Baulderstone have a diverse portfolio within South Australia, and also deliver landmark civil engineering and building projects across Australia.

Work Experience Program
Baulderstone gives undergraduate students the opportunity to gain work experience on a part-time basis during semester when they are studying, and full-time during their holiday breaks.

They accept applications for these cadetships all year round.

To be eligible, students must be in their third or fourth year of undergraduate study in civil engineering. A cadetship at Baulderstone aims to assist students with the development of technical skills and access to practical experience in a dynamic engineering environment.

Application Details
Applications can be made via the website: www.baulderstone.com.au or directly via email: recruitmentsa@baulderstone.com.au.

Applications Open:
Year Round

Application Deadline:
n/a

Application Process:
Fill in the undergraduate application form from the website and email it to recruitmentsa@baulderstone.com.au

Application Information:
T: + 61 8 8202 8888
E: recruitmentsa@baulderstone.com.au
www.baulderstone.com.au
Company Profile

BHP Billiton Mitsubishi Alliance (BMA) are Australia’s largest coal miners and exporters, and the world’s largest supplier to the seaborne metallurgical coal market. Formed in 2001 as a partnership between BHP Billiton and Mitsubishi Development Pty Ltd, the two companies share equal ownership and management of seven Bowen Basin coalmines – Blackwater, Broadmeadow Underground, Goonyella Riverside, Peak Downs, Saraji, Norwich Park and Gregory Crinum Underground – and the Hay Point Coal Export Terminal near Mackay.

BMA mines have a combined production capacity of more than 58 million tonnes per year, and almost all of the coal produced is used overseas for steel production.

They are one of the largest employers in Central Queensland with over 5,500 people directly employed (at June 2010), and has a significant flow-on effect to other jobs in industries servicing the mines, ports and townships in the region.

Work Experience Program

BMA offers tertiary students a range of vacation work and internship positions. The positions are designed primarily for second and third year undergraduate students and are offered across a range of mines at times that coincide with university breaks.

Opportunities are offered to students studying Mining, Civil, Geotechnical, Electrical, Mechanical, Chemical, Metallurgy, and Processing Engineering, as well as Environmental Science, Geology, Surveying, Occupational Therapy, Occupational Health & Safety, Human Resources and Physiotherapy.

Application Details

To apply for vacation work placements or the summer intern program, please visit the BHP Billiton website and submit an online form.

Applications Open:
July each year

Application Deadline:
Mid August each year

Application Process:
Online via BHP Billiton website

Application Information:
www.bhpbilliton.com
Company Profile

Owned and operated by BHP Billiton, Cannington is the world’s largest and lowest-cost producer of silver and lead. Located in north-west Queensland, it includes an underground mine and processing mill situated approximately 800 kilometres west of Townsville, and a concentrate handling facility at the Port of Townsville.

Work Experience Program

The new Cannington Vacation Program delivers a hands-on and practical approach for students to experience what it’s like to be part of the mining industry in your chosen discipline. It offers the opportunity to develop skills through participation in department research and projects, networking with professionals across the business, and undertaking performance appraisals. It also acts as a stepping stone to the graduate program. The program also gives students the opportunity to experience Fly In/Fly Out (FIFO), working in a remote location, Village life and workplace training (e.g. Metalliferous Generic Core Induction and Site Surface Induction).

The 12-week structured program runs from December to February and offers roles across a variety of disciplines, which include: Mining, Geotechnical & Mechanical Engineering; Accounting/Finance; Chemistry; Environmental Science; Geology; Human Resources Management; Occupational Health & Safety/Hygiene; Surveying; or Supply.

Application Details

To apply for the vacation work experience program, please visit the BHP Billiton website at http://jobs.bhpbilliton.com and submit an online form.

Applications Open:
Early July each year

Application Deadline:
End July each year

Application Process:
Online via BHP Billiton website

Application Information:
www.bhpbilliton.com
Company Profile

Civil & Allied Technical Construction Pty Ltd (trading as CATCON) is a dynamic and progressive company which offers Civil Construction services to various clients across Australia.

CATCON began as a medium-sized company servicing clients in South Australia, and is now a market leader in the civil construction industry and considered a Tier 2 Company. It has operations and projects across metropolitan and regional Australia, is consistently listed in the Top 100 Companies in SA, and is ranked as one of the leading Civil Construction Companies in Australia. CATCON’s Head Office is located in Adelaide, South Australia.

CATCON has an impressive portfolio of Civil Engineering projects in power (renewable), mining, general infrastructure, water and construction.

Work Experience Program

CATCON offers students completing their third or fourth year of degree study with the opportunity to work with their experienced staff whilst on university vacation. Their vacation work is paid, can be completed at any of their project locations, and provides an opportunity to gain valuable and practical work experience within the industry.

CATCON also offers permanent employment opportunities for graduates of relevant disciplines, which are often offered to previous work experience students.

Application Details

Applications for vacation work experience are accepted throughout the year by sending a resume and academic transcripts to the Group HR & Strategy Manager via their website: www.catcon.com.au

Applications Open:
Year Round

Application Deadline:
r/a

Application Process:
www.catcon.com.au

Application Information:
E: hr@catcon.com.au
T: + 61 8 8347 1888
www.catcon.com.au
Company Profile

The City of Port Adelaide Enfield is one of the largest metropolitan Councils within South Australia (established in 1996). Extending from the River Torrens to Outer Harbour and covering an area of approximately 97 square kilometres, the City offers some of the State’s finest historical buildings and landmarks, together with a wealth of beautiful parks, and excellent cultural and recreational facilities.

The Technical Services directorate of council plans, provides and maintains sustainable infrastructure to enable the community to enjoy a high quality of life, and support business to flourish in the City. The directorate comprises Civil Infrastructure Construction; Civil Infrastructure Design; Civil Infrastructure Maintenance and Asset Management; Fleet; Depot and Contract Management; and Open Space and Streetscape Management.

Work Experience Program

Council provides a placement for a third or fourth year Civil Engineering student over the Summer university break at the Council Civil Centre, 163 St Vincent Street, Port Adelaide.

The placement could include the following range of duties: road and drainage design, traffic management and parking control investigations, overseeing civil construction and maintenance works, and assessing impact of development applications and land divisions on civil infrastructure and cost estimating.

When a number of applications are received for placements, preference will be given to students who reside within the City of Port Adelaide Enfield.

Application Details

Requests for work experience must be made in writing and addressed to the Human Resource Manager. Applications must be received at least four (4) weeks prior to commencement, and must include: full contact details; type and date of work experience; name and contact details at the University; public liability cover.

Applications Open:
July each year

Application Deadline:
August each year

Application Process:
Apply by emailing custserv@portenf.sa.gov.au

Application Information:
www.portenf.sa.gov.au search for work experience in the advanced search box, or T: + 61 8 8405 6008
Company Profile
Located 25 kilometres north of Adelaide, the City of Salisbury occupies an area of 161 square kilometres extending from the shores of Gulf St Vincent to the Para Escarpment and the foothills of the Mt Lofty Ranges.

The City of Salisbury is a metropolitan Council that provides local Government service to the community through: community and recreations services, infrastructure design and management, regulatory services, city and strategic planning and internal management. Council employees 465 people across more than 40 job families.

The City is a recognised as innovative and progressive, wins a range of awards for its services, and is a national leader in storm water management, aquifer recharge and reuse.

Work Experience Program
Work experience placements are offered across the seven major areas of Council, namely: City Projects, Assets, Strategic Planning, Development and Environmental Services, Finance, Corporate Services, and Community Services.

Engineering students may apply for work experience in the areas of City Projects and Assets.

Application Details
Information on the application process is available at [www.salisbury.sa.gov.au](http://www.salisbury.sa.gov.au)

Students complete the online form, electing their preference, and email it to city@salisbury.sa.gov.au. The Council will contact the department for their request, and then contact the student if a placement is available. Final arrangements for the placement will also be made at this time.

Applications Open:
Year Round

Application Deadline:
n/a

Application Process:

Application Information:
Lisa Gulyard
T: + 61 8 8406 8222
Combe Pearson Reynolds (CPR) is a structural and civil engineering consultancy which provides practical and economical solutions to the following sectors within the building industry: commercial, industrial and retail buildings; educational and government buildings; and hospitality and aged-care buildings, including residential projects. They provide packages to suit the needs and demands of clients including Architects, Project Managers, Builders, Property Developers and Owners. They concentrate on providing efficient designs based on well researched economic and appropriate solutions and employ professional degree qualified engineers and experienced CAD drafters who undertake regular training to ensure ongoing development.

Work Experience Program
Combe Pearson Reynolds does not have a formal work experience program, however they have previously taken undergraduates students on who found they gained valuable experience with the firm. Students of Civil Engineering degree programs – Civil & Structural or Architectural Engineering – would be best suited to the business, which is centred on designing structures for the built environment.
CPR will offer successful third and fourth year tertiary students work experience placements during the Summer and mid-year university breaks.

Application Details
A resume and transcript of grades to date should be submitted to the office along with a letter of application. Visit www.cprengineers.com.au for details.

Applications Open:
Year Round

Application Deadline:
n/a

Application Process:
Apply in writing; selected applicants will be interviewed

Application Information:
T: + 61 8 8332 1344
E: admin@cprengineers.com.au
www.cprengineers.com.au
FMG ENGINEERING

Company Profile
FMG Engineering was founded in 1972 in Adelaide, South Australia. It now services markets around Australia and employs over 100 people with various professional and technical qualifications in its Adelaide and Melbourne offices. Its clients include some of Australia’s largest builders, residential and commercial development companies, both government and urban land managers. FMG are committed to adding value to their clients’ projects and businesses, and to the growth and sustainability of the industry.

FMG Engineering is entirely employee owned and sees its business’ value is in its people and being able to meet its clients’ needs. They are passionate about being good engineers, and pride themselves on their working relationships with builders and developers, councils and regulatory authorities.

Work Experience Program
FMG Engineering conducts a structured work experience program that provides students with a variety of placements across all departments and mentorship from experienced engineers.

The fully paid 12-week program is open to second, third or fourth year students studying Civil, Architectural or Environmental Engineering.

The program is structured so that students get to work on ‘real time’ projects across each department – structural, housing, civil, environmental – and in the materials testing laboratory. Placements are available in both the Adelaide and Melbourne offices.

Application Details
Students should email a copy of their current resume, academic results and a covering letter outlining strengths and career ambitions. Applications will be reviewed and short-listed applicants will be contacted for an interview.

Applications Open:
Year Round

Application Deadline:
n/a

Application Process:
In writing; shortlisted applicants will be interviewed

Application Information:
T: +61 8 8363 0222
E: sean.gibbs@fmgengineering.com.au
Company Profile
GHD is one of the world’s leading engineering, architecture and environmental consulting companies. Wholly-owned by its people, GHD is focused exclusively on client success. Its network of 6000 professionals collaborate to deliver sustainable outcomes to communities and clients in the global markets of water, energy and resources, environment, property and buildings, and transportation. GHD is a company committed to sustainable development, safety and innovation.

Work Experience Program
GHD employs third-year vacation students each summer break (Dec/Jan/Feb) for up to 12 weeks, across a number of disciplines. Vacation students are given the chance to work on a variety of projects within nominated fields, benefitting from hands-on experience in a diverse range of projects and networking sessions with peers and senior professionals. Components of the GHD work experience program include:

• Induction into GHD and the consulting environment
• Allocation of an existing GHD employee to act as a ‘Buddy’
• Chance to participate in professional development activities
• GHD social functions.

Application Details
Applications Open:
March each year

Application Deadline:
End July each year

Application Process:
Online: www.ghd.com

Application Information:
www.ghd.com/global/careers/graduates/
GOLDER ASSOCIATES

Company Profile
Golder Associates is a respected, employee-owned, global company providing consulting, design, and construction services in the specialist areas of earth, environment, and the related areas of energy.
With 160 offices worldwide and more than 7,000 employees, Golder Associates work with clients to manage their environmental and engineering activities in a technically sound, economically viable, and socially responsible manner.

Work Experience Program
Golder offer work experience positions to third year students studying Mining, Civil, Geotechnical and Environmental Engineering, as well as Environmental Science and Geology.
Their vacation program begins in the first week of December, and ends in the last week of February, and offers the opportunity to work alongside scientists, engineers and managers of all levels both in the office and in the field.
Students will largely work out of our Adelaide office, but may include some regional field work.

Application Details
Applications Open:
July each year
Application Deadline:
August each year
Application Process:
Applications are online via the Golder website
Application Information:
Lynette Maczuga, Senior HD Advisor
E: imaczuga@golder.com.au
www.golder.com.au
HANSEN YUNCKEN PTY LTD

Company Profile
Hansen Yuncken is one of Australia’s largest privately owned construction companies.

It operates nationally with offices located in VIC, NSW, SA, TAS and QLD, and directly employs over 800 staff, has current projects worth $2.6 billion, and has an annual turnover approaching $1.2 billion. Since its inception in 1918, Hansen Yuncken have completed over 4500 projects.

Hansen Yuncken looks for people who take chances and want to stand out from the crowd. They want people who can stretch themselves, who can meet the challenges of the commercial construction industry and who can make a difference. They have a reputation for quality workmanship, fair dealings and performance, and good relations with clients.

Work Experience Program
Hansen Yuncken provides work experience placements for civil engineering students during the summer break, December to February each year.

Their program is suitable for third year tertiary students, who will be placed at one of their metropolitan Adelaide based projects.

Application Details
Information about the Hansen Yuncken work experience program can be found online at: www.hansenyuncken.com.au/careers

Applications Open:
Year Round

Application Deadline:
n/a

Application Process:
Online or via email

Application Information:
E: hradelaide@hansenyuncken.com.au
HDS AUSTRALIA
PTY LTD

Company Profile
HDS Australia is committed to providing high quality and innovative solutions for the development and on-going management of public infrastructure. Its vision is to be recognised as a national leader in the provision of technical consulting services in its chosen markets.
Core activities involve the provision of civil engineering and project management consulting services in traffic engineering, transport planning, road design, wastewater engineering, and general municipal engineering, in both the public and private sectors.
HDS Australia has offices in Adelaide and Melbourne, with a total of 18 full-time or part-time staff engaged on a variety of consulting projects or in support roles, and up to 30 additional personnel employed on a casual basis.

Work Experience Program
HDS Australia usually take one civil engineering work experience student each year, studying in their third or fourth year.
The program usually occurs in January of each year, though other start times and some part-time arrangements have been negotiated in the past. Generally students will work from the Adelaide office, with some travel for site inspections.

Application Details
Applications Open:
March each year
Application Deadline:
End July each year.
Application Process:
Apply by email. An interview may follow.
E: sa@hdsaustralia.com.au
Application Information:
T: + 61 8 8333 3760
Company Profile

As a leading global engineering and services company and one of Australia’s and South Australia’s largest engineering firms, KBR offers varied career opportunities and the chance to contribute to projects in other parts of the world without leaving home. KBR contribute to many challenging and important projects such as the infrastructure for the Clipsal 500, a range of sustainable projects, the Chevron-operated Gorgon Project, and massive infrastructure developments in the Middle East.

Their business supports:

- Facilities (buildings, environment, planning, GIS and industrial)
- Defence
- Hydrocarbons
- Minerals (mining, energy, oil & gas, and heavy industry)
- Transport (aviation, roads, rail, and ports)
- Water (water and wastewater, pipeline projects, irrigation and water resources engineering)

Work Experience Program

KBR offers hands-on vacation employment opportunities, enabling students to work on a range of challenging projects in a variety of disciplines. Students are mentored by both senior professionals and graduate employees and finish the program with a full appreciation of the activities, culture and career opportunities within the organisation. KBR are looking for students who are enthusiastic, adaptable, organised, team oriented, good communicators and keen to contribute to a wide range of projects. They offer work experience to students and graduates in the following disciplines: Chemical, Civil, Electrical, Environment & Water, Mechanical, Mining, and Structural Engineering; and Environmental Science, Project Management, Project Controls, and Spatial Information Management.

Application Details

Applications Open:
1 June each year

Application Deadline:
31 August each year

Application Process:
Online via KBR Careers Website

Application Information:
T: + 61 8 8301 1209
www.kbrjobs.com
Company Profile
Mott MacDonald Australia is a uniquely diverse global consultancy, delivering leading-edge solutions for public and private sector clients across a number of business areas including transport, buildings, water energy, environment, health and education.

As one of the world’s largest employee-owned companies, with more than 14,000 staff, Mott MacDonald has over 150 principle offices worldwide, including Australia where they have been in operation for over 50 years. They currently have over 200 staff operating across Australia, with offices in South Australia, New South Wales, Canberra and Victoria.

Current projects include the Adelaide Desalination Plant, Adelaide Oval Redevelopment and the Melbourne Metro Rail expansion.

Work Experience Program
Mott MacDonald offer students a range of vacation work across Civil Engineering, Structural Engineering, Drafting, and Project Management. They take all undergraduate levels, and the placements are arranged to coincide with the main university breaks.

More information can be found on their website at www.mottmac.com

Application Details
To apply for vacation work placements or view career opportunities visit the Mott MacDonald website for details and submit your application via email.

Applications Open:
Year Round

Application Deadline:
r/a

Application Process:
Via email, details online at www.mottmac.com

Application Information:
T: + 61 8 7325 7325
E: hr@mottmac.com.au
www.mottmac.com
### Company Profile

O’Donnell Griffin (ODG) is a leading electrical and communications engineer solutions provider. The Transmission Department has been in operation for more than 40 years, but for the last 10 years has focused on design consulting, with some of the construction activities continuing in the business.

O’Donnell Griffin have business centres in all States and many regional centres, but, because of the specialised nature of substation and transmission line engineering, the Transmission Department is based in the Adelaide office.

Their business model sees them working across many states in Australia for a large number of clients; usually staff visit the project sites during design and construction, and sometimes work within the offices of the clients.

They employ structural, civil, electrical, and mechanical engineers, drafters and designers.

### Work Experience Program

O’Donnell Griffin does not have a formal work experience program, but takes on two to three work experience students per year – civil, structural, mechanical and electrical students are all considered. They are interested in second and third year undergraduate students.

The placement is based at ODG’s Woodville office and can be undertaken either during university holidays or on a part-time basis.

### Application Details

Applications are taken on an ongoing basis. Shortlisted applicants will be contacted for an interview.

Email a resume and cover letter to apply for an interview.

**Applications Open:**
Year Round

**Application Deadline:**
n/a

**Application Process:**
Email resume to: ncheesman@odg.com.au

**Application Information:**
T: + 61 8 8340 1000
E: ncheesman@odg.com.au
www.odg.com.au
Company Profile

Contrary to what their name implies, OneSteel does a lot more than simply make steel. They are a diversified business involved in iron ore mining, steel manufacturing, scrap steel recycling, steel products distribution and mining consumables manufacturing. This diversified approach has driven their growth which is expected to continue in the future.

They currently employ more than 10,500 people, service more than 30,000 customers, and produce more than 40,000 products.

Whyalla is the home of their growing iron ore mining operations and a core part of their business.

Work Experience Program

OneSteel offer university students vacation work placement opportunities during the summer university break, and take students from the following disciplines: mining, civil, mechanical and electrical engineering, metallurgy, geology, surveying and health & safety.

They prefer to take on students studying in their third or fourth year of their degree.

Application Details

Applications Open:
Mid August each year

Application Deadline:
End September each year

Application Process:
Online at http://careers.onesteel.com

Application Information:
Online or E: recruitment@onesteel.com
 Tonkin Consulting is a South Australian owned company generating innovative solutions in a range of fields including Civil Infrastructure, Roads and Traffic, Environmental, Structural, Water Resources, Stormwater Management, Asset Management and Spatial Information.

It has over 135 employees located in Adelaide, Darwin, Mt Gambier, Berri and Perth, including both Professional Engineers and Scientists, whom work closely with a range of private sector, state, and local government organisations.

Tonkin primarily offer work experience placements in their Adelaide office over the summer break between November and March. Their placements are available to third year Engineering undergraduates looking for a placement prior to commencing their final year of study.

Students are given the opportunity to experience the work environment of a busy multi-disciplinary consulting engineering company. Under supervision of an allocated team leader or senior engineer, students are given real work tasks and receive payment during their placement.

**Application Details**

**Applications Open:** February each year

**Application Deadline:** End of September each year

**Application Process:**
To apply for a vacation work placement, please submit a cover letter, resume and academic transcript via www.tonkin.com.au or email recruitment@tonkin.com.au

**Application Information:**
T: + 61 8 8273 3100
www.tonkin.com.au
Company Profile

Formerly known as United Utilities Australia, TRILITY is a strong participant in the Australian water industry, providing services to over 3 million people, through 14 projects across Australia. TRILITY aim to provide quality, environmentally friendly and cost-efficient solutions and are recognised as a leading water utility solutions company in Australia.

TRILITY’s capabilities cover the full life cycle of water, wastewater treatment and water reuse projects that are innovative tailored solutions from financial, engineering, technical, operational and environmental perspectives and include project finance, design and construction, upgrades and refurbishments, operations and maintenance, asset management, utility services, laboratory testing, billing and client services.

Work Experience Program

TRILITY offers a small number of opportunities for students who wish to gain vocational experience while studying Chemical or Civil Engineering. Participants will generally be provided the opportunity to experience the Head Office environment as well as site visits to various water treatment plants.

Trility prefer to take students studying in their third or fourth years and can offer work experience to successful applicants anytime during the year. Aspiring participants are encouraged to submit an application by email to yourcareer@trility.com.au, outlining interest and current studies.

Application Details

Applications Open:
Year Round

Application Deadline:
r/a

Application Process:
E: yourcareer@trility.com.au

Application Information:
Company information available via
T. + 61 8 8408 6579
www.trility.com.au
Company Profile

URS is a fully integrated engineering, environmental, construction and technical services organisation with the ability to offer services at every stage of a project – from inception, to decommissioning and closure. URS is one of the largest engineering design firms worldwide, and is a leading provider of environmental and engineering services in Australia and New Zealand where they have 18 offices with around 1,500 professionals. URS has a diverse and highly skilled workforce, working in sectors such as Water, Transportation, Mining and Infrastructure. They deliver a full suite of services from environmental consulting, planning and engineering design, through to construction and project management.

Work Experience Program

URS has a structured work experience program, and take six students during the summer break each year and occasionally a smaller number of students during the mid-semester break. We take second, third or fourth year undergraduate students from the following disciplines: Civil/Structural, Civil/Environmental, and Mechanical Engineering.

All students are based in our Adelaide CBD office, though most students will be encouraged to undertake some field-based work during their time at URS.

Application Details

For application information, please visit www.ap.urscorp.com/careers

Applications should be forwarded through the vacancies published on the website: www.ap.urscorp.com/careers

Shortlisted applicants will be contacted for an interview.

Applications Open:
1 July 2011

Application Deadline:
30 September 2011

Application Process:
Online at www.ap.urscorp.com/careers

Application Information:
T: + 61 8 8366 1069
E: ray_scanlon@urscorp.com
www.ap.urscorp.com
Company Profile

Wallbridge & Gilbert, established in Adelaide in 1979, is a wholly Australian owned consulting service operating within the Civil, Structural and Environmental Engineering industries. The company is supported by over 120 staff in offices in Adelaide, Melbourne, Darwin, Whyalla and Port Pirie, as well as an active partnership in Perth.

The wide range of structural projects undertaken by Wallbridge & Gilbert includes multi-storey commercial developments, major civic buildings, industrial facilities, and heritage/ restoration and residential projects. Its civil engineering experience includes highway and road design, large residential land developments, environmentally sustainable developments and site remediation. Through its subsidiary Aztec Analysis they also offer specialist services in heavy lifting, materials handling and marine engineering.

Work Experience Program

Wallbridge & Gilbert offer work experience placements of 2–4 weeks, to fourth-year students in the Civil, Structural and Mechanical Engineering fields.

Their preference is for students to complete these placements in the summer break or mid-year break. Students will be located at the Head Office in Adelaide.

Application Details

Applications Open:
Year Round

Application Deadline:
n/a

Application Process:
Information online at wallbridgeandgilbert.com.au

Application Information:
T: + 61 8 8223 7433
E: dfinnimore@wgeng.com.au
wallbridgeandgilbert.com.au
Why is the undergraduate work experience program important for you?
- It is a mandatory component of your degree and is required to graduate.
- It can help you to secure post-graduation employment, both because many employers offer their work experience students full-time permanent employment upon graduation, but also because other employers consider work experience as one of the most significant selection criteria when hiring.
- Your work experience supervisor can be used as a referee on your CV.
- It can help you determine what career path you would like to follow post-graduation.
- It will help you to apply and understand your academic studies to real-world experiences.

Minimum requirements
You need to complete 12 weeks of approved work experience. The work must be full time and extend over at least a 3 week continuous period. Up to 6 weeks of the 12 weeks can be ‘general work experience’ and at least 6 weeks must be ‘engineering work experience’. Remember these are minimum requirements and the more you do, the more you will benefit from the experience.

Engineering work experience must be undertaken in an engineering environment under the supervision of an engineer. Applicable general work experience includes supervisory or management positions, technical, trades and IT software work, but does not include bar, restaurant, shop assistant and delivery positions.

For further information please refer to the University guidelines online at www.ecms.adelaide.edu.au/students/workexperience/

When should you do it?
Work experience is usually undertaken during the summer holidays between your 3rd and 4th year but many students manage to secure work at the end of their first or second years as well. The more experience you can obtain the more you will benefit from the program and we would therefore strongly encourage you to consider work experience as soon as possible. Another advantage of starting your work experience early is that you may have the opportunity to experience different types of employment opportunities. This will not only make you a more rounded Engineer, but will also help you to clarify the most suitable career path for you.

Most people will apply for applicable work experience over the summer holidays. You need to be sending your CV out in September & October. This is a busy time with exams so again it pays to be prepared; write your CV & ideally do your research earlier in the year.

The nature and level of responsibilities you are given may well depend on whether you are a first year student or a fourth year student, but irrespective of this we would strongly encourage you to start thinking about work experience in your first and second years.

Will you be paid?
Some companies pay their undergraduates and others don’t. Generally we would encourage you to apply to companies which offer the work you are interested in. Approach work experience as though it is another module of your university degree. Aim to prove yourself and approach the program with real enthusiasm. If you can show that you have the right attitude, you are more likely to get a positive reference and potentially be asked back for paid work.

There are countless examples of undergraduate students who have proven their worth to an employer and consequently secured part-time, paid work throughout their university studies followed by a permanent job upon graduation.

Who should you apply to?
Nothing is more frustrating for a prospective employer than an applicant stating they want structural design work but applying for a civil construction position. Think about what interests you, and what you are hoping to learn, then research the companies that will best provide you with this experience.

Think about whether you are interested in:
- Civil, Structural, Environmental or Mining Sectors?
- Consultancy, Construction, Utility/Operator, Client, or Government Sectors?
- Buildings, Infrastructure, Mining, Industry, Oil & Gas, Water, Rail, Land Development, or Power/Transmission Sectors?

Try to be specific with who you apply to. Research the organisation and outline why you are interested in working for them.
It is important for you to analyse your strengths and to consider what you can bring to an organisation.

Try to think what unique selling points you have. Put yourself in the shoes of your future employer, what would you look for in a graduate?

Whilst academic results are of course a major factor, attitude, inter-personal skills, written and verbal communication, and leadership skills are all important too. Companies want to employ people who are eager to learn, have strong work ethics, can communicate confidently, and who they think will fit easily in to their company culture.

You should start thinking how you can develop these qualities and how you can illustrate them on your CV. Work experience plays an integral part in this, as do extra-curricular activities such as sport, music, clubs, and societies.

CV’s are very personal documents and as such there isn’t necessarily a right and wrong way to lay them out. You might however like to bear the following in mind.

- It is a sales tool to get you an interview
- It won’t be read from cover to cover so it is essential to keep it clear and concise. The reader should be able to see the important information quickly and easily without having to search for it.
- Key points employers want to see are: qualifications, grades, achievements, relevant work experience, and extra-curricular activities

CV & JOB APPLICATION ADVICE

• Use bullet points wherever possible
• Keep it factual
• Think about your unique selling points and how you can demonstrate them through your experiences. For example being on a social committee can potentially illustrate enthusiasm, commitment, communication skills and leadership qualities to prospective employers.

Cover letters should be clear, concise and well written. They should highlight what your circumstances are and why you are applying for the position. Don’t assume it will always be read – research has shown that at least 25% of employers will only open the cover letter if they are interested in the CV. So make sure your best points are also included on your CV.

For more CV advice and resources visit the Career’s Service website: www.adelaide.edu.au/student/careers

INTERVIEW ADVICE

Research the company
Work out how to get there and where to park
Get an early night the night before
Dress well
Arrive only 5 minutes early
Know your CV and what you included in your cover letter
Prepare questions
Prepare answers to questions you think they may ask! You will often be asked situational/behavioural questions such as “Give me an example of when you have …”

Listen carefully to questions – it is sometimes helpful to summarise and repeat the question before you answer

Remember that it is natural to be nervous – nervousness is adrenalin and adrenalin, if channelled correctly, will help you to perform at your best an example of when you have had to …..”
practise makes perfect, learn from each and every experience.