

## mhscareers.com.au

To view the news pages on the website:

Login with either: "student" or "parent"

Password: **mhs2013**

<http://www.mhscareers.com/newsnswact.html> to see the full stories.

<http://www.mhscareers.com/Calendar.html> to see upcoming events.

[www.privatecollegesaustralia.com](http://www.privatecollegesaustralia.com) to see the lists of private colleges.

### Jobs

Go to <http://www.indeed.com.au/> and type apprenticeship or traineeship in the "what" box.

Or try other searches from <http://www.mhscareers.com/JobSearch.html>.



## From the Careers desk...

***Term 3 is when Year 10 make decisions about their transition into Year 11. You need to thoroughly research the subjects you are thinking of studying for your HSC. This could mean that you will talk to:***

- ***teachers who teach the subjects***
- ***Your Careers Adviser***
- ***Senior Students***

***If you follow these dot points you will stand a better chance of choosing the right subjects for you.***

***Year 11 gear up for exams in Weeks 9 & 10.***

***Good luck to Year 12 students as you go into your Trial HSC exams. Remember to make an appointment to see me about your 2014 plans.***

***Ms Elks***

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## Employment Focus in Term 3

- ☺ Graduate Employment
- ☺ Apprenticeships and Traineeships

***See Ms Elks for all information in this newsletter!***

**29 July      Year 10 Parent Information Evening**

**31 July      Year 10 Subject Selection Form handed out**

**7 July      Last day for return of Subject Selection Form**

**30 August    Closing date for TVET Applications**

**3 Sept      Apprenticeship Expo - Penrith**





## STUDENT RESOURCES

To help students make informed choices as they prepare to leave secondary school, the Australian Government provides a number of resources.

The **My Skills** website aims to connect students with the training that best suits their needs. It is a single point where students can find information on nationally recognised training courses, RTOs, campus services, training delivery modes and VET-FEE HELP loan availability.

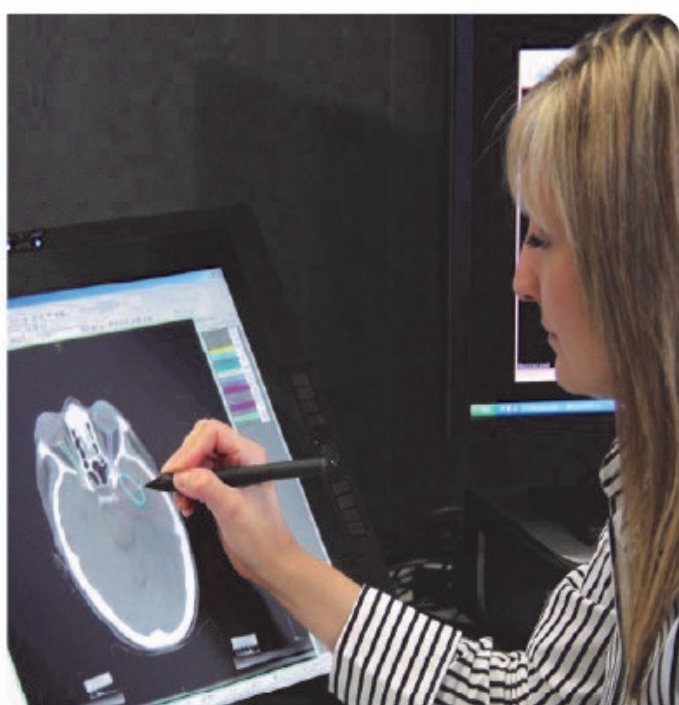
The **MyUniversity** website offers students a broad range of information about Australian universities and other higher education providers, including student satisfaction and graduate outcome surveys. Students can search a database of thousands of courses and compare details such as fee and entry requirements.

The **Study Assist** website provides information to students about the Higher Education Loan Program (HELP). The **HELP** schemes assist eligible students to pay their student contributions (HECS-HELP), tuition fees (FEE-HELP or VET FEE-HELP), overseas study expenses (OS-HELP) and student services and amenities fees (SA-HELP). *Study Assist* also provides information about student income support payments available such as Youth Allowance, Austudy and ABSTUDY. This is a key website for students to visit for up-to-date information about financing their tertiary studies.

## What works

### Radiation oncology: your choice saves lives

By Mel Grand, Project Officer, 'A Career in Radiation Oncology', the Royal Australian and New Zealand College of Radiologists (RANZCR)



Cancer has a major impact on the Australian community, with one in every three people developing cancer in their lifetime. Cancer treatment is an important health priority area in Australia. Radiation oncology's impact on the fight against cancer is important.

Radiation oncology involves three unique medical specialties working together to focus on the treatment of cancer patients with radiotherapy (also known as radiation therapy) – namely radiation oncologists, radiation therapists and radiation oncology medical physicists.

Radiotherapy is a proven, effective way to treat cancer and can be used alone or together with other treatments like surgery or chemotherapy (anti-cancer drugs). Using highly precise doses of radiation to damage or destroy cancer cells, radiotherapy is usually delivered to patients in controlled measures, called fractions, over a number of weeks. This gives normal cells time to recover between treatments and allows high doses of radiation to be delivered to the cancer site over a period of time.

The process of delivering radiotherapy treatments is complex and involves an understanding of medical





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physics, radiobiology, radiation safety and the interaction of radiation with other treatments. Each step in the process of radiotherapy requires strict quality control measures to ensure that patients receive the set treatment correctly.

Radiation oncology uses rapidly changing technology to improve the accuracy and effectiveness of radiotherapy, including better control and cure of tumours, as well as reducing side effects. It is an exciting and changing field of medicine.

Working in radiation oncology requires excellent communication and teamwork skills and the ability to form respectful and trusting relationships with both adult and child patients and their families to ensure a joint approach to the patient's treatment.

Are you a careers adviser who has students who have an interest in mathematics and the sciences — particularly physics and biology — as well as a desire to use state-of-the-art technology? If you are, then a career in radiation oncology may be for them.

A career in radiation oncology is currently being promoted through the 'A Career in Radiation Oncology' project.

This profession is expected to grow over the next decade. The Department of Health and Ageing (DHA) has recognised the need to raise awareness of careers in radiation oncology to target current workforce issues, address staffing shortfalls and inefficiencies, and also attract suitable and highly qualified candidates for this career.

How can we help your students learn more about radiation oncology?

- Resource materials are being developed and include a careers brochure, website and video to educate students about these careers.
- Free student workshops are being held in Melbourne (May 2013) and Perth (November 2013) to allow students from these areas to learn about radiation oncology as a career and meet with professionals from the local area. Other workshops may also be organised throughout the year in other locations.
- The project will be attending major careers expos throughout 2013 in all locations, including the ACS Seminars run by Hobsons.
- You may also like to take your students on a tour of a radiation oncology department close to your school. A contact list is available so that this can be arranged.
- Radiation oncology professionals are available to visit your school and talk to your students about career options in radiation oncology.

- See [www.acareerinradiationoncology.com.au](http://www.acareerinradiationoncology.com.au) for updates on available workshops and attendance at careers events.

If you would like to receive further information regarding 'A Career in Radiation Oncology' or a copy of any resources for your students, please contact Ms Mel Grand on [mel.grand@ranzcr.edu.au](mailto:mel.grand@ranzcr.edu.au) or (02) 9268 9765.

For further information on a career in radiation oncology, please visit [www.acareerinradiationoncology.com.au](http://www.acareerinradiationoncology.com.au) and [www.ranzcr.edu.au](http://www.ranzcr.edu.au).



## Web crawling

### LSAY National Research Forum

*Young people in Australia face a complex and challenging future. The Longitudinal Surveys of Australian Youth (LSAY) provides decision-makers with valuable data and research to help understand the challenges for young people as they navigate the road from school to study and work.*

LSAY National Research Forum — 'Are we there yet? Youth transitions in Australia', hosted by the National Centre for Vocational Education Research (NCVER), occurred Thursday 11 April 2013 at the Australian National Maritime Museum, Sydney. For information, visit [www.lsay.edu.au](http://www.lsay.edu.au).



## IS YOUR CAREER ON TRACK? **RAILCAREERS™** A NETWORK OF OPPORTUNITIES

### JOIN THE RAIL CAREER EXPRESS

Diverse and interesting careers you never knew existed.



[railcareers.net.au](http://railcareers.net.au)

AUSTRALASIAN  
RAILWAY  
ASSOCIATION



### Why ATEL?

- ◆ We pay TAFE Tuition Fees
- ◆ We provide PPE Gear. This includes clothing, boots, hard hats, ear protection, safety glasses, gloves and knife kits for Chefs etc.
- ◆ FREE iPad after six months of successful employment
- ◆ Travel Concession Card
- ◆ Mentoring
- ◆ FREE Employee Assistance Scheme
- ◆ Award Rates of Pay

Go to [www.atel.com.au](http://www.atel.com.au)





## Parent Information Day @ UWS

The UWS Parent Information Day provides parents, guardians and students with a chance to find out everything they need to know about university. From information sessions about important topics such as applying for university, or how to get in if you don't get the ATAR, to speaking with UWS staff and students one-on-one to learn about the opportunities available for your child.

### Why attend the UWS Parent Information Day?

At the Parent Information Day, you can attend the following information sessions:

- **The UWS Experience** - Find out about the courses offered at UWS, support for students, and opportunities such as international exchange.  
**Admissions** - Our Admissions team will discuss how to apply to university, how to get the most out of UAC preferences, important dates, and what bonus points your child is eligible for.
- **Scholarships** - Our Scholarships team will take you through scholarships on offer, how to submit an application, and opportunities for high achieving students, including Advanced courses, The Academy and our Aspire Future Leaders Program.
- **Student Panel** - Want to know what university is really like? Hear from current university students about their journey to university, how they survived the HSC, and their experience at UWS.
- **Pathways to uni** - Is your child concerned they won't get the ATAR they need? Learn about the options your child has, and how they can still get in to university.

**Join us for a free BBQ lunch** and speak with UWS staff and students one-on-one  
Who is invited to the UWS Parent Information Day?

Parents and guardians of senior high school students are invited to attend. Senior students are invited to attend with their parents and guardians.

### When and where is the UWS Parent Information Day?

The UWS Parent Information Days for 2013 will be held:

Saturday, 20 July 2013 from 10:30am - 1:00 pm – Campbelltown Campus (Corner of Narellan Road and Gilchrist Drive, entrance is via Narellan Road. Building 30 Foyer)

Saturday, 27 July 2013 from 10:30am - 1:00 pm - Parramatta Campus (Corner of James Ruse Drive and Victoria Road, Rydalmere. Building EA Foyer) Please note, the campus consists of two sites; this event takes place at Parramatta South (main campus).

Free parking is available on campus.

### I want to attend, what do I need to do now?

Registration is preferred and can be completed online through the Parent Information Day Registration Form.



## UniOptions

UniOptions provides advice on the many pathways to university. The website aims to help students enter the university course of their choice and find out about the different options available to them.

<http://www.unioptions.com>

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## MACQUARIE UNIVERSITY PARTICIPATION AND COMMUNITY ENGAGEMENT PROGRAM (PACE)

PACE is a key component of Macquarie's unique learning environment. Facilitating opportunities for our students to apply what they are learning within their degree in real-life organisations and environments.

While some universities offer community-based real-life projects as add-ons to formal study, we are the only university in Australia to offer fully integrated practical experiences within our undergraduate curriculum.

Such experiences help our students become life-ready and work-ready through developing communication, leadership, professional and interpersonal skills; as well as practical knowledge, a greater understanding of the workplace environment, and the opportunity to broaden their horizons.

Graduating with these kinds of skills greatly improves our students' career prospects as employers can see that they have the desirable combination of theoretical knowledge and practical experience.

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## UNIVERSITY OF NEW ENGLAND & UNIVERSITY OF SYDNEY ALTERNATIVE ENTRY PATHWAY

The Alternative Entry Pathway relies on a balanced assessment of your ability to cope with study at university, rather than your ATAR. Students will begin studying at University of New England, before transitioning to University of Sydney in their second year of study.

<http://www.une.edu.au/for/future-students/landing/usyd/index.php>

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## UTSpeaks: FUTURE TECH SEMINAR

Thursday 11 July, 6pm-8pm

University Hall, UTS Science Building 4, 745 Harris St, Ultimo

This seminar will discuss how organisations and individuals can prepare for and take advantage of the changes brought on by future advances in technology.

<http://sendstudio.itd.uts.edu.au/senstudionx/link.php?M=307248&N=10156&L=11132&F=H>



## CHARLES STURT UNIVERSITY UPDATE

CSU has launched its new **Communication and Creative Industries** courses for 2014, designed to teach students the skills they will need in tomorrow's workforce. The new courses offer more flexibility and versatility, so students can choose from many career paths, change their mode of study and pace their progression to suit themselves. Each course offers authentic learning spaces and technologies so graduates enter the workforce ready to contribute from day one.

From next year, the communication and creative industries courses will allow students to select subjects across discipline areas, ensuring graduates are more widely skilled and employable in the changing work environment. The changes mean students can enrich their professional experience and specialise in an area they are truly passionate about. For example, if you want to study a Bachelor of Communication (Advertising), you can also choose subjects from the graphic design specialisation or the photography specialisation, or a combination of both.

Students will be able to study the CSU degree in the career discipline of their choice, but the new courses will let them tailor their study by choosing elective subjects from a broad range of options. The three disciplines will be:

Bachelor of Communication with specialisations in advertising, commercial radio, journalism, public relations or theatre/media

Bachelor of Creative Arts and Design with specialisations in animation and visual effects, graphic design or photography

Bachelor of Stage and Screen with specialisation in acting, design or TV production

Students interested in studying more than one of these disciplines can choose from a range of double degrees. More information is available via the website at [www.csu.edu.au/courses/communication-and-creative-industries](http://www.csu.edu.au/courses/communication-and-creative-industries) and prospective students can register an expression of interest at [www.csu.edu.au/contacts/register-interest](http://www.csu.edu.au/contacts/register-interest).

### Scholarships

CSU can provide access to a variety of scholarships, loans, subsidies and schemes to help students with the costs associated with university study. Several of these are open for applications now, including:

#### Nursing and Allied Health Scholarship and Support Scheme

Applications close 25 October 2013

Available to commencing students

Value: \$10 000 max

Duration: As per agreement with donor

For more details visit [www.csu.edu.au/courses/fees-and-costs/help-with-costs](http://www.csu.edu.au/courses/fees-and-costs/help-with-costs).

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## University of Sydney provides early offers through their E12 Scheme.

### Benefits

- Early conditional offer
- Lower cut-off for a number of courses
- A \$5,000 first year scholarship
- Transition support from school to university
- An Apple iPad
- A USydney Union Access card

### Eligibility Criteria

- Current Year 12 student completing the HSC
- Experienced or experiencing financial hardship
- Required to lodge an Educational Access Scheme (EAS) application.



## NOTRE DAME HSC STUDY WEEK FOR YEAR 12 STUDENTS

Venue: The University of Notre Dame Australia  
Located 5 mins from Central Station

Dates: Monday July 8 to Thursday July 11, 2013

Time: School hours      Cost: \$285.00

For more information, or to get a registration form, visit Ms Elks in the Careers Room.

## SCHOLARSHIPS

### William Blue College of Hospitality Management - 2014 Industry Scholarship

The application closing date for this scholarship has changed and applications now **close on Sat 31st August.**

Recipients of this scholarship will get the chance to work with industry in their field of study.  
Contact: 1300 851 237 or [enquiries@williamblue.edu.au](mailto:enquiries@williamblue.edu.au) <http://www.williamblue.edu.au>

### 2014 APM College of Business and Communication - Industry Scholarship

The application closing date for this scholarship has changed and applications now **close on Sat 31st August.**

Contact: 1300 880 610 or [enquiries@apm.edu.au](mailto:enquiries@apm.edu.au) <http://www.apm.edu.au/apply-online/scholarships>

### 2014 CATC Design School - Scholarship

**Submissions due by Fri 20th September, 5pm**

Three scholarships valued at \$20,000 each are on offer to students who create a piece of work (video, writing or image) that sums up how important 'practice' is to their life.

Contact: [scholarship@catc.edu.au](mailto:scholarship@catc.edu.au) <http://www.catc.edu.au/scholarship>

## HTN

HTN is Australia's leading group employer of Apprentice Chefs and Hospitality Trainees. Each year, HTN selects two Year 12 students to be the recipients of the prestigious Peter Howard Future Chef Scholarship. This scholarship enables hands-on work experience and training with one of HTN's leading industry partners and assistance with travel costs to an approved capital city.

**Applications close Friday 30 August 2013.**

Application forms are available from Ms Elks or from [www.htn.com.au](http://www.htn.com.au)





### **BATEMAN BATTERSBY LAW BURSARY**

The Bursary is open to all students sitting for this year's HSC or IB who attend a high school within the Penrith and Blue Mountains local government area and who intend applying for admission to a Law Course at a University in Sydney, Wollongong, Newcastle or in the ACT.

The Bursary will be granted to the applicant achieving the highest ATAR score in this year's HSC or IB who is admitted to an approved Law Course and has submitted both their ATAR results and their UAC Offer of Admission advice to our offices by **5pm on 20 February 2014**.

The recipient of the Bursary will receive:

- ⇒ A grant of \$1,000 and
- ⇒ The Bateman Battersby Law Bursary Winners Trophy.

An application form is available from Ms Elks.

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### **PRIVATE COLLEGES & INSTITUTIONS**

#### **RAFFLES COLLEGE OF DESIGN AND COMMERCE Workshop and Intensive Programs**

Raffles workshops and intensives have been designed to provide talented individuals who are curious about design and business the fundamental skills to learn about their chosen career.

Holiday workshops have been scheduled for July. For a full list available and further information regarding schedules and fees, visit Ms Elks in the Careers room or go to [www.raffles.edu.au/workshops](http://www.raffles.edu.au/workshops)

#### **Ella Baché College of Skin and Beauty Therapy Open Day**

Saturday, 29 June, 10am - 11.30am

Level 2, 77 Berry St, Berry Square Shopping Centre, North Sydney

For further details or to register, call 02 8423 5655  
or visit [www.ellabachecollege.edu.au/study-on-campus/attend-a-college-open-day/](http://www.ellabachecollege.edu.au/study-on-campus/attend-a-college-open-day/)

#### **Academy of Interactive Entertainment Industry Experience Days 2013**

Sydney - 3 July and 2 October

Level 2, Wentworth Park Grandstand, Wattle St, Ultimo

Learn about the local and international game development, 3D animation and visual effects industries, as well as pathways and portfolios, There will also be practical workshops on offer.

[www.aie.edu.au/ied](http://www.aie.edu.au/ied)



## APPRENTICESHIPS AND TRAINEESHIPS

### Tomago Aluminium 2014 Apprentice Intake

Tomago Aluminium is offering a 4 year apprenticeship commencing in mid-January at their Hunter region location. Apprentices are being sought to become Electricians, Mechanical Fitters and Plant Mechanics.

Anyone interested should contact Susan Brownlee on 0428 117 271.

[www.tomago.com.au/careers/apprenticeships](http://www.tomago.com.au/careers/apprenticeships)



### Ampcontrol Apprentice and Trainee Program

Ampcontrol has operations across the globe with opportunities for engineers, trades people and professionals to be exposed to a wide range of disciplinary environments. Whether it's tunnelling deep under Hong Kong, powering mines in the heart of Western Siberia, or the building world's first 11,000 volt longwall system in Australia's Hunter Valley, Ampcontrol people help their clients make progress.

The Ampcontrol Apprentice and Trainee Program offers positions to people interested in undertaking an electrical, electronics, fabrications, or mechanical apprenticeship.

For more information or to make enquiries, call 02 4961 9000 or go to <http://ampcontrolgroup.com/careers/getting-started/apprentices-and-trainees>



# What you need to know about being an Electrician

## What does an electrician do?

Electricians install, maintain, repair and test electrical equipment for industrial, commercial and domestic sectors.

By reading and interpreting electrical drawings, electricians are responsible for determining wiring layouts, to implement installations and repairs, electricians install cables and switchgear using a wide variety of tools from screwdrivers, pliers, sidecutters, to powerdrills, etc.

Electricians also test various appliances and circuits, ensuring their integrity and safety. If needed, they'll repair and replace any faulty electrical apparatus.

## Personal attributes

- Positive work ethic
- Reliable and punctual
- Committed and passionate

## Skills required

- Mathematical
- Problem solving
- Analytical
- Motor skills
- Mechanical aptitude
- Listening
- Communication – written and verbal

## Pre-requisites

Potential electrical apprentices must successfully complete the Readiness Assessment in order to be considered for the Energise Oz – Managing Apprentice Progression program.

It is not a requirement to have completed an electrical pre-apprenticeship. However, if you have undertaken an electrical pre-apprenticeship this will contribute to your training.

## Industry sectors

- Industrial – work in factories
- Commercial – construction sites
- Domestic – residential work

Electricians may also specialise in other sectors such as Maintenance, Service, Lift, Air-conditioning, Oil Refineries, Petrochemical, Mining and Manufacturing.

## Future prospects

- It is predicted that 50,000 electrical jobs will become available over the next five years to meet Australia's growth.<sup>2</sup>
- Electrical workers will be at the heart of Australia's transition to a low carbon future.
- The mining sector employs over 3 times as many electricians as the broader economy. A growing mining sector means that demand for electricians will remain high.<sup>4</sup>
- The National Broadband Network (NBN) will improve the effectiveness of numerous technologies, driving demand for remote control of energy management, security and safety equipment, intelligent power and lighting, communications and entertainment.

## Project Partners:



National  
electrical and  
communications  
association



## Contact us:

[www.energiseoz.com.au](http://www.energiseoz.com.au)  
[emap@e-oz.com.au](mailto:emap@e-oz.com.au)  
1300 11 EMAP



@EQZennergyskills



/energiseoz



ENERGY SKILLS  
AUSTRALIA

<sup>2</sup> DEWPR, Australia's Skills Shortage 2014-2016  
<sup>3</sup> DEWPR, 2014, Resourcing the Future

This Energy Industry Apprenticeship Progression Management Program is funded by the Australian Government, the Australian Government Skills Centre under trade from the Australian Apprenticeship Progression Management Program. The views expressed in this document are those of the author(s) and do not necessarily reflect the views of the Australian Government or State and Territory Government.





## Electrical apprenticeship

### Preparing you for success

National research shows that Electrotechnology and Telecommunications Trade Workers are the highest-paid, have the highest prestige of the trades and on average move on to even better jobs.

#### What's in it for you?

Energise Oz is a new electrical apprenticeship trial program designed to improve your chances of successfully completing.

We understand that your learning style and pace may be different to others, similarly your onsite work exposure may vary from your peers. Our range of support services identify the level that you're at and help keep you on track.

Prove to employers that you are capable of completing an Electrical Apprenticeship

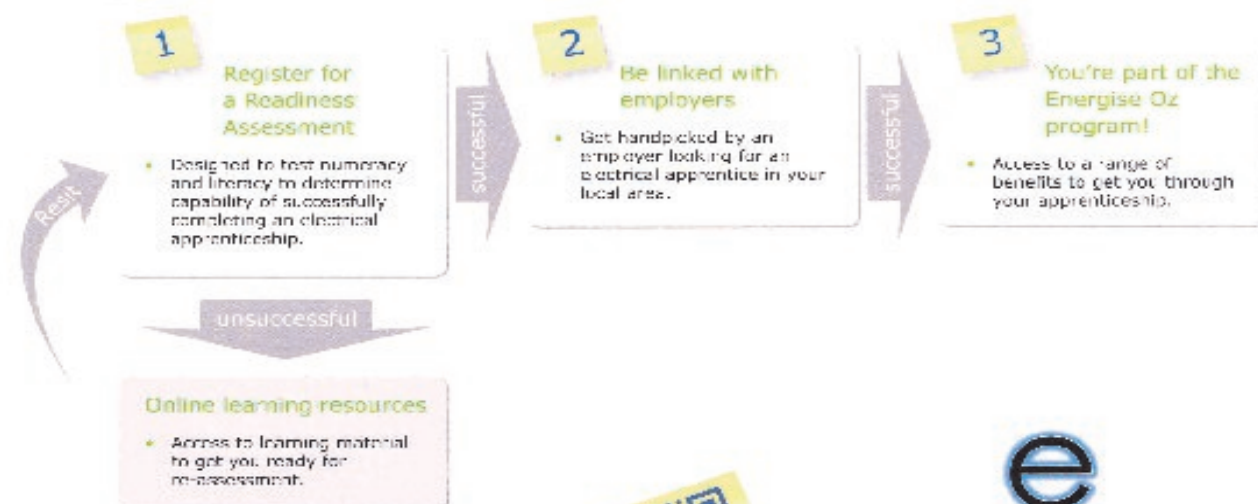
One-on-one support by a designated Mentor-Adviser to guide you through your training

Stimulated learning with online interactive resources to support your progression

Learn at your own pace

Learn from an employer who wants to invest in you and help re-shape the future of the electrical industry.

#### The Process



Register for a Readiness Assessment here

[www.energiseoz.com.au/register](http://www.energiseoz.com.au/register)

ENERGISE, Australia from the 1st July, 2011

QR CODE



**e**  
**energise**  
**OZ**

managing apprentice progression