Dates to Diarise in Term 3

- Herald Sun Careers Expo – 15 to 17 August
- University / TAFE Open Days 2014 – throughout August
- Year 12 VTAC applications – throughout August and September

Photographic Imaging College (PIC)

PIC is a photographic college where learning, hard work, and good times go hand in hand. The photography college offers a several courses centred on the creative image, exploring photographic concepts and learning the ins and outs of various cameras both digital and analogue.

One particularly popular course is a Certificate IV and Diploma of Photoimaging, which is a unique post-VCE folio preparation course for students who wish to enter industry or tertiary courses.

PIC offers affordable courses, give students access to equipment and state of the art facilities with education in both analogue and digital photography.


Upcoming Information Sessions

Students considering a career in the Defence Force, or who might wish to find out more about careers in the Defence Force might like to attend one or more of the following upcoming Information Sessions:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday 29 July 2014</td>
<td>6pm - 7pm</td>
<td>Army Reserve</td>
</tr>
<tr>
<td>Wednesday 30 July 2014</td>
<td>6pm - 7pm</td>
<td>ADF Technical Trades</td>
</tr>
</tbody>
</table>

These Information Sessions will take place at the Defence Force Recruiting Centre, Level 14, 501 Swanston Street in Melbourne.

To book, students need to simply email [CPTVIC@dfr.com.au](mailto:CPTVIC@dfr.com.au) identifying the session they would like to attend and the amount of seats they will need. For more information about jobs in the Defence Force visit [http://www.defencejobs.gov.au/](http://www.defencejobs.gov.au/)
Forensic Medicine Career Information Session

The Victorian Institute of Forensic Medicine (VIFM) is running its second Career Information Session for 2014 in the September holidays. Due to the popularity of these seminars, students are encouraged to register their attendance early.

The Career Information Afternoons have been developed at the Victorian Institute of Forensic Medicine for High School students in Years 10, 11 and 12 to offer an insight into the various career options in the forensic sciences.

Experts in fields such as listed below will talk to students about what it’s like to work in their chosen fields at the VIFM, and what path they took to get where they are today.

- forensic pathology
- forensic toxicology
- forensic anthropology
- odontology (forensic dentistry)
- histopathology
- clinical forensic medicine and
- molecular biology (DNA)

**Date:** Wednesday 24 September 2014  
**Time:** 12.30pm – 4.00pm  
**Venue:** Victorian Institute of Forensic Medicine at Gate 7, 11 Moore Street in Southbank in the Plueckhahn Lecture Theatre.


For more information please email [jobs@vifm.org](mailto:jobs@vifm.org) or call (03) 9684 4313.

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Australian College of Sports Therapy Open Days

The Australian College of Sports Therapy delivers training in four exciting course areas within the Sports, Recreation and Healthcare industry. This growing area provides work opportunities in dynamic and evolving environments such as sports clubs, clinics, heath & recreation retreats, gyms, spas, personal training studios, among many others.

The Australian College of Sports Therapy will be holding a number of Open Days in August and September and to find out more, or to register, visit [https://www.sportstherapy.edu.au/life-at-acst/calendar-of-events/](https://www.sportstherapy.edu.au/life-at-acst/calendar-of-events/)
**Careers in the Security Industry**

Security is a profession that is as diverse and challenging as the world around us - from electronics to IT specialists, risk managers, security operatives and administrators.

**Why work in the security industry?**
The security industry is one of Australia’s most dynamic and rapidly expanding sectors generating revenues of approximately $4.5 billion per year and the industry employs over 170,000 personnel nationally. The industry is driven by a high level of technological, diversity and professionalism, attracting people looking to work in a proactive and rewarding environment focused on identifying and preventing problems before they occur in the workplace, home and in the community.

**What types of career paths are available?**
There are two broad groups in the security industry:

1. **Manpower roles** ranging from Bodyguard, Bouncer, Crowd Controller, Gatekeeper, Mobile Patrol Guard, Security Agent, Security Guard, Loss Prevention Officer, Concierge.
2. **Technician roles** such as Security Systems Installers who fit and repair security systems in homes and businesses, control room operators monitoring alarm systems, or network administrators operating vast security systems.

Whether designing and installing a networked access control surveillance system, screening passengers at an international airport, patrolling a retail shopping centre, or working in biometrics, the security industry has a role to suit most!

**What qualifications does one need to work in the security industry?**
The industry is supported by a range of apprenticeships, traineeships, certificates, diplomas and degrees suitable for both new entrants and those already in the industry who are seeking to expand their career. Persons entering the security industry will need to meet licensing and training requirements, and these differ from state to state and are dependent on the type of work undertaken.

Dental Technology at Menzies Institute of Technology

Menzies Institute of Technology specialises in a range of courses including automotive technology, dental technology and electronics technology.

Dental technicians may work in hospitals or dental laboratories or for dental group practices. Advanced dental technicians work independently in private practice or in partnership with other dental technicians. Students enrolled in the Diploma of Dental Technology gain the knowledge and skills necessary to work as a qualified dental technician. During this approximately 2-year course, students will learn how to design, construct, modify and repair dental prostheses and appliances, such as dentures, bridges, crowns and mouthguards. The course also incorporates important work and personal skills, such as communication, business techniques and task prioritisation to improve efficiency. Once successfully graduated from the diploma, students often pursue further study opportunities in dental prosthetics. For more information visit http://www.menzies.vic.edu.au/courses/domestic-students/dental-technology/course-information/diploma-of-dental-technology/

Menzies Institute of Technology offers a range of other dental-related courses including a Certificate III in Dental Assisting, Certificate III in Dental Laboratory Assisting and a Certificate IV in Dental Assisting (Dental Radiography).

Visit http://www.menzies.vic.edu.au/ to find out more!

Accounting Technicians

Who are Accounting Technicians? What do they do? Accounting Technicians are professional bookkeepers supported and accredited by the Certified Practising Accountants (CPA), Institute of Chartered Accountants (CA) and National Institute of Accountants (NIA).

So, Accounting Technicians in businesses are –

- Accounts Payable Officer/Clerk
- Accounts Receivable Officer/Clerk
- Payroll Officer/Clerk
- Finance Manager
- Finance Assistant
- Assistant Accountant
- Bookkeeper
- Trainee Accountant
- Reconciliation Officer/Clerk

A Certificate IV or Diploma of Accounting is the required qualification for these roles and many students choose this pathway to their degree in accounting.

Visit http://www.jobguide.thegoodguides.com.au/occupation/view/551111A to find out more about this type of job and also visit www.aat.org.au to find out more about the support out there for people in this industry!
New Bachelor of Engineering (Construction) at Swinburne University

Swinburne University will be introducing a new 4-year course - Bachelor of Engineering (Construction) (Honours) from 2015. Construction engineers are concerned with the design, construction and improvement of the built environment, as well as the management of on-site projects. Graduates of this course will graduate with the technical expertise and management skills needed to plan, design, construct and maintain facilities such as buildings, bridges, dams, water supply systems, waste treatment systems, road and rail networks, airports and seaports. The course also includes 12-weeks relevant work experience.

A range of industries, including consulting engineering, construction, research organisations, the private sector or government are looking for construction engineers. Graduate opportunities include a range of construction engineering and management roles such as site engineer, project engineer, construction manager, civil engineer or asset management engineer.

The VCE prerequisites are: Units 3 and 4 – a study score of at least 30 in English (EAL) or at least 25 in any other English, and a study score of at least 20 in Mathematical Methods (CAS).


### Careers in Allied Health

Allied health professionals work alongside doctors and nurses to provide the best health care for all. In Australia, this represents 20% of the country's healthcare workforce - a sizeable proportion which continues to grow. Together with doctors and nurses, allied health professionals are regarded as the third pillar of health care providers in Australia.

Some allied health careers include -

<table>
<thead>
<tr>
<th>Role</th>
<th>Link</th>
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</table>
What does a Geophysicist do?

Geophysicists study the physical structure and behaviour of the earth. They study more than just the rocks that make up the earth – they study oceans, gravity, and magnetic and electrical fields, in an effort to understand the earth’s origins and better understand its behaviour. The data that geophysicists collect and interpret can be used to locate underground water sources and geological faults, as well as oil, gas and mineral deposits. http://www.careercentre.dtwd.wa.gov.au/occupations/Pages/geophysicist.aspx

Students keen on a career as a geophysicist usually has to have to study a science degree at university, majoring in geophysics, geoscience or a combination of geology and physics. VCE entry requirements to most science degrees are Units 3 and 4 in English (EAL) or English other than EAL; Mathematical Methods (CAS) or Specialist Mathematics, and at least one of Biology, Chemistry, Geography, Psychology and Physics.

Universities in Victoria that offer relevant majors in their science degrees include –

<table>
<thead>
<tr>
<th>UNIVERSITY</th>
<th>MAJORS</th>
<th>ATAR 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federation University</td>
<td>Geology, Geosciences, Materials science, Mathematics, Metallurgy, Mineral exploration, Mineral processing and extractive metallurgy</td>
<td>43.80</td>
</tr>
<tr>
<td>Monash University</td>
<td>Geosciences, Physics</td>
<td>83.60</td>
</tr>
<tr>
<td>University of Melbourne</td>
<td>Geology, Physics</td>
<td>92.00</td>
</tr>
</tbody>
</table>

The Australasian Institute of Mining and Metallurgy website has a range of geoscience career and education information, including a list of recognised courses – http://www.ausimm.com.au/. Students might like to also download the following useful PDF – http://www.ausimm.com.au/content/docs/geoscience_brochure.pdf

Career in Audiology

Audiology is a health care profession involved in assessing, managing and rehabilitating hearing loss and balance disorders. Audiology is a rapidly growing profession and qualified audiologists are in high demand both locally and internationally. To become an audiologist students usually have to complete a bachelor degree in linguistics, physics, psychology, special education, speech pathology, science or a related discipline, followed by a graduate diploma and a master’s degree in audiology. La Trobe University offers a Bachelor of Health Sciences/Master of Audiology with VCE requirements of Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in two of Biology, Chemistry, any Mathematics, Physical Education or Physics. The required ATAR for 2014 entry was 82.35. For more information on this program visit http://www.latrobe.edu.au/courses/audiology
Virtual Pharmacy – Pharmville

Major changes are underway in the way universities are teaching pharmacy to undergraduate students. By way of a virtual pharmacy or “virtual practice environment” students get experience a variety of health care settings, such as a community pharmacy, hospital ward or dispensary, home setting, rural pharmacy depot and remote community health service, where they can interact with virtual ‘patients’, health professionals and others through role playing, video conferencing, online software and avatars. Developed by Monash University, and used by a number of universities worldwide, students get to practice pharmaceutical calculations required for the compounding process. These calculations are presented as prescriptions from virtual patients, phone enquiries or ‘chats’ with virtual nurses, doctors and patients. Students select the required ingredients from an extensive selection of drugs and raw materials and measure out the correct amount or provide other dosage related data as prompted.

For more information visit http://monash.edu/pharm/innovative-learning/technologies/pharmville/ and also http://monash.edu/pharm/

Career as a Pharmacy Assistant

Pharmacy assistants are employed at pharmacies to help dispense prescriptions and liaise with customers. They work under the supervision of pharmacists, and their tasks may include:

- Referring prescriptions to the pharmacist
- Ordering new stock
- Displaying products
- Advise customers on non-medicinal products
- Retail responsibilities

Pharmacy assistants need to have up-to-date information on products such as asthma, cough and cold medications. They will also have a high level of contact with the public and may have to work nights and weekends.

Pharmacy assistants often work without any formal qualification or gain training through a traineeship offered by the pharmacy. However, a Certificate II is usually the entry-level qualification required to be employed as a pharmacy assistant.

To find out where to study to become a pharmacy assistant visit http://www.education.vic.gov.au/victorianskillsgateway/Students/Pages/CourseSearchDescription.aspx?type=course&Courseld=7992
## Pharmacy & Pharmaceutical Science Courses in Victoria

<table>
<thead>
<tr>
<th>UNIVERSITY</th>
<th>COURSE</th>
<th>VCE PREREQUISITES</th>
<th>ATAR FOR 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>La Trobe University</td>
<td>Bachelor of Pharmacy</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in Maths: Mathematical Methods (CAS).</td>
<td>RC Supplementary Form</td>
</tr>
<tr>
<td>Monash University</td>
<td>Bachelor of Pharmacy</td>
<td>Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>RC Supplementary Form</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Pharmaceutical Science</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>84.05</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Pharmaceutical Science Advanced with Honours</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>90.55</td>
</tr>
<tr>
<td>RMIT University</td>
<td>Bachelor of Pharmacy</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL; and a study score of at least 20 in Chemistry; and a study score of at least 20 in Maths: Mathematical Methods (CAS).</td>
<td>RC Supplementary Form</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Biomedical Science (Pharmaceutical Sciences)</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or 25 in English other than EAL; and a study score of at least 20 in Chemistry; and a study score of at least 20 in one of any Mathematics or Physics.</td>
<td>72.55</td>
</tr>
</tbody>
</table>

RC – Range of Criteria for selection

**What is the difference between pharmacy and pharmaceutical science?**

**Pharmacists** are directly concerned with people’s health and wellbeing. They provide advice on the safe and effective use of medicine. They are actively involved in patient care in hospitals and the community. As medicine experts, they often also work in government, industry, research and clinical-trial roles.
For those students interested in science and healthcare, and who enjoy communicating with people, then the Bachelor of Pharmacy is for them as this is the degree needed to become a pharmacist.


**Pharmaceutical scientists** are experts in the chemistry, biology and biotechnology required to design and develop medicines. They play a key role in improving human health and wellbeing by researching and developing reliable, accessible and effective treatments. They understand the impact of medicines on the body and diseases. They are also experts in bringing safe and effective products to market.

Students who enjoy solving problems, love chemistry or biology, and want to improve human health, then a Bachelor of Pharmaceutical Science could be their calling as it equips students to work in the pharmaceutical science and biomedical fields. The Bachelor of Pharmaceutical Science is offered at Monash University - http://www.monash.edu.au/study/coursefinder/course/2894/ and RMIT University – http://www.rmit.edu.au/browse;ID=BH059

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**Monash University Pharmacy Open House**

*You can do all the research in the world, but nothing beats seeing it for yourself.* The Faculty of Pharmacy & Pharmaceutical Sciences at Monash University is hosting an Open House event in August and invites students to go along and learn about the courses, facilities; meet staff and students, and even get to speak with some ground breaking researchers.

**Date:** Sunday 17 August 2014  
**Time:** 10.00am – 3.00pm  
**Venue:** Monash Parkville Campus, 381 Royal Parade in Parkville

For more information or to register for regular updates, visit http://www.monash.edu/pharm/openhouse/

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**Law at ACU**

Click here to view a short video on studying Law at ACU.