



## CAREER NEWS

Friday 3 November 2017



### News from Monash University

#### ➤ **Accounting: it's not just a Numbers Game**

*Accounting is vital to the success of every business in every industry, and professionals with accounting skills are in high demand – which means an accounting degree is a great basis for a range of career options.*

Monash offers accounting in several undergraduate courses – including double degrees - to suit students' different needs and career goals:

For students interested in accounting and looking for a second major, taxation might be of interest.

Taxation provides students with the skills and knowledge to appreciate the legal, commercial, and economic impacts of taxation on business decisions. They will learn about current taxation concepts and how to work within Australia's Federal taxation system, using case law and statutes.

**For more information on the accounting courses and the wide range of majors available, please visit [Accounting at Monash](#)**

#### ➤ **Biology Bridging Course**

This course is for students who would like to study biology at Monash but have not studied VCE biology. The week-long **biology bridging course** has been designed for students who are considering undertaking a science degree but have not studied biology before. It is also ideal for those who would like to enhance their knowledge in preparation for their university studies. The course will cover the major concepts in VCE biology Units 3 and 4 and equip students with the background knowledge essential to achieving success in biology related degrees.

The course will run in February 2018. **To find out more and to register, visit [Monash Science Events](#)**

## ➤ **Prosthetics and Orthotics at La Trobe University**

La Trobe University is one of only very few universities in the world offering a qualification in Prosthetics and Orthotics – the ***Bachelor of Applied Science and Master of Clinical Prosthetics and Orthotics***.

*Prosthetics and orthotics are clinical disciplines that deal with artificial limbs (protheses) for people with amputations and supportive devices (orthoses) for people with musculoskeletal weakness or neurological disorders.*

*Few things are as rewarding as giving someone the ability to walk, stand or even just pick up a cup. Studying clinical prosthetics and orthotics gives you the ability to do just that.*

*You'll learn about artificial limbs (protheses) for people with amputations, and supportive devices (orthoses) for people with musculoskeletal weakness. This course offers practical experience, and is the only course of its kind in the Asia-Pacific region.*

Students study anatomy, physiology, biomechanics, prosthetic and orthotic prescription, and design and fabrication. They also develop strong practical skills in research methodology, clinical assessment, and the application of prosthetic and orthotic techniques.

Clinical placements make up a very important part of the program, and they start in first year with a half-day observational placement. In second and third years students will work with volunteer clients. In fourth students do two clinical placements (12 or 16 weeks) at a leading Australian or international hospital or private practice. During this time, they will gain experience with tasks including assisting in providing prosthetic and orthotic treatment while working directly with clients.

The **VCE requirements** are Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; Units 3 and 4: a study score of at least 25 in two of Biology, Chemistry, any Mathematics, Physical Education, or Physics.

**Subject Bonuses**: a study score of 30 in any Mathematics, Physical Education, or any Science equals 4 aggregate points per study. A study score of 25 in Health and Human Development equals 4 aggregate points. A study score of 20 in any LOTE equals 4 aggregate points per study. Overall maximum of 12 points.

Find out more at [Prosthetics & Orthotics](#)

## ➤ Bachelor of Veterinary Nursing

Melbourne Polytechnic offers the ***Bachelor of Veterinary Nursing*** in partnership with [La Trobe University](#).

*Graduates will have their degrees conferred by La Trobe University and degree testamurs will feature the La Trobe seal and logo.*

This degree is designed to produce highly skilled veterinary nurses with exceptional levels of practical skill, knowledge and in-depth understanding gained through a stimulating exploration of the academic underpinnings of the field. In second year, students undertake placement three days per week for 15 weeks, which provides the opportunity to apply the theory and practices learned on campus in a range of areas of interest.

In third year, students can opt to undertake paid work in veterinary practices (outside of classes). Throughout their course, students undertake placements in various industry settings hospitals, animal shelters, farms. Students are fully supervised by experienced veterinary team members while at external placements.

VCE subject requirements are Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL; Units 3 and 4: a study score of at least 20 in one of Biology, Chemistry, or any Mathematics.

Subject Bonuses: A study score of 25 in Maths: Mathematical Methods (any), Maths: Specialist Mathematics or any Science equals 4 aggregate points per study. A study score of 20 in any LOTE equals 4 aggregate points per study. Overall maximum of 12 points.

Find out more at [Bachelor of Veterinary Nursing](#)

## Academy of Information Technology

Since 1999, AIT has given thousands of students from Australia and around the world their start in creative industries. With campuses in Sydney and Melbourne, we offer Bachelor degrees and Higher ed. diplomas in the fields of interactive media and IT.

We provide an exciting and inspiring education that prepares students for successful careers in 2D and 3D animation, game development, digital media, graphic design, interactive website design, software development and digital design. This is achieved through a dynamic curriculum that is regularly updated to meet industry and market trends, as well as through experienced staff and a creative learning environment.

AIT connects students to the industry by involving professionals in our curriculum development and hosting industry networking events and presentations.

Our graduates work all over the world, pursuing careers spanning all areas of digital and interactive media such as graphic design, multimedia productions, games, film, virtual reality and much more. While building their imaginative portfolios of professional, quality work to carry into their careers, our students also build a network of life-long friends and colleagues to share knowledge and experiences, around the globe. [see less](#)

Specialties

Digital Media, Animation, Filmmaking, Game Development, Mobile & Web Design, Mobile & Web Development, Business for Creative Industries

### **Academy of Information Technology**

Level 13

120 Spencer Street

Melbourne, VIC 3000

<http://www.ait.edu.au/>



Short Digital Workshops:

### **Designing for Website and Apps | Sydney and Melbourne | 18-19th December**

This workshop is a great way for kids and teens to start learning about designing for the future!

While we continue to move into the digital world of web and mobile apps, it's never been more important for us to know how to design for these platforms properly.

### **Mobile and VR Game Design | Sydney and Melbourne | 18-19th December**

We haven't met a kid yet that doesn't love the VR experience! And what's better than experiencing it? Making your own of course. This workshop will allow kids and teens to design their very own VR and Game - something they'll be bragging to all their friends.

### **Special Effects in Film | Sydney and Melbourne | 20-21st December**

Regardless of the platform we are on, video is growing and growing by the minute! This workshop will give kids and teens awesome skills in Adobe After Effects that they can use in any video project.

<http://www.ait.edu.au/events/short-courses>

<https://www.eventbrite.com.au/o/academy-of-information-technology-syd-mel-6068044041?s=79388633>



## Designing for Websites and Apps Workshop for Teens at Academy of Information Technology

Monday, 18 December - Tuesday, 19 December 2017  
\$297.00

*Are you interested in a creative career?*

Transform your passion for Graphic Design into a career of the future. UX Design has revolutionised design! User experience (abbreviated as UX) is the overall experience of a person using a product, such as a website or app, especially in terms of how easy or pleasing it is to use. UX Design has become increasingly recognised by employers and businesses around Australia as an important, strategic role in the delivery of successful digital products. Whether you are creating a mobile app, a website, or a smartwatch app, UX design has become the bread and butter of Digital Design. Join us at AIT this December for a fun, hands-on workshop, and get a taste of how to create apps that users love.

### **By the end of the course you will understand:**

#### **Day 1:**

- What is UX design?
- How to use wireframes and sitemaps to make an app
- Make your own working Low-fidelity app prototype!
- Basic design principles
- Icon development
- Typography for screen
- Responsive design

#### **Day 2:**

- Test and refine your app design
- Make your own High Fidelity app prototype!

### **Outcomes of the workshop are:**

- The basic concepts behind UX Design
- Your own app prototype!

**Software you'll be using:** Popapp, Photoshop

**Prerequisites:** Enthusiasm for making your own app, software or game prototype! Previous experience with website design or Photoshop a plus, however it's not compulsory!

**Time:** 9-4pm

**What to bring:** lunch

**Course suitable for:** Ages 12+, high school students or anyone wanting to upskill in UX and UI

### **Special Features:**

Free USB flash drive  
Dedicated computer for every student  
Expert Trainer  
Certificate of completion



## Mobile VR and Game Design Workshop for Teens at Academy of Information Technology

Monday, 18 December - Tuesday, 19 December 2017  
\$297.00

*Do you want to make video games?*

*Are you interested in creating amazing virtual experiences?*

Master the art of game development & programming in this intensive two-day workshop. Learn how to use Unity3D, the most popular software in the game development industry, and acquire awesome game design & coding skills to create an epic game project that you can take home to show your friends and family.

**Day 1** of this workshop will teach you the basics on how to use Unity, the world's most popular game engine. You'll learn how to design & build a virtual environment to make it suitable for some game mechanics in preparation for Day 2. You will also learn the basics of C# coding, creating some simple game systems suitable for a virtual world adventure.

**Day 2** of this workshop will teach you how to create the virtual reality experience, where you'll travel through a world and search out items to gain points - like Pokemon Snap in VR! You'll gain more skills in C# coding, learn how to create some interesting game mechanics, design a virtual reality experience, and learn how to export your game as a standalone file similar to those found on Steam and Google Play and other digital game stores.

This is a 2-day course perfect for beginners, teaching participants how to make a fun & interactive game for virtual reality. Participants will come away with a Unity project to continue game development in their own time, and a compiled Unity game that they can show their family and friends.

### **Day 1:**

- Intro to Unity 3D and its main functions
- Learn Game Level Design
- Basic Coding skills with C#

### **Day 2:**

- Take your coding to next Level with C#
- How to interact with the VR world through a headset
- How to export your VR game and play it
- Finish your first game that you can take home

**Outcomes of this workshop include:** C# coding skills, game & level design skills, and a fun virtual reality game!

**The software you'll be using:** Unity 3D, C#

**Prerequisites:** None

**Time:** 9-4pm

**What to bring:** lunch and snacks

**Course suitable for:** Ages 12+, high school students or anyone wanting to upskill in Unity 3D

### **Special Features:**

- Free USB flash drive
- Dedicated computer for every student
- Expert trainer
- Certificate of completion



## Special Effects in Film with After Effects Workshop for Teens at Academy of Information Technology

Wednesday, 20 December - Thursday, 21 December  
\$297.00

This 2-day workshop provides students with an introduction to desktop VFX compositing and motion graphics using Adobe After Effects. After Effects is a digital motion graphics, visual effects and compositing application developed by Adobe Systems and used by film industries in the post-production process of filmmaking and television production. If you want to take your filmmaking passion to the next level, this VFX course is for you!

This is a hands-on course and each student will be working in a lab-based environment and will be allocated a computer for the course duration.

The course contains intensive practical production exercises.

### **By the end of the course you will understand:**

How to create an After Effects project and import digital video, audio and Photoshop files

Create moving elements, visual effects and become familiar with other creative design possibilities in After Effects.

### **Day 1 (key activities):**

- Introduction to After Effects
- How to animate layers with keyframes
- How to add effects to images and video
- How to use audio in After Effects
- 3D layers

### **Day 2 (key activities):**

- Work on your own self-directed project

### **Outcomes of this workshop include:**

Confidently use After Effects layered composites and animated elements to create a dynamic design, visual effects and animation.

**Software you'll be using:** After Effects and Photoshop

**Prerequisites:** Basic knowledge of Photoshop

**Time:** 9-4pm

**What to bring:** lunch & ideas for your project

**Course suitable for:** Ages 14+, high school students or anyone wanting to upskill in After Effects

### **Special Features:**

Free USB flash drive

Dedicated computer for every student

Expert Trainer

Certificate of completion



## **Gaming Camp**

**Monday 11- Wednesday  
13 December 2017**

**\$158.51 – \$315.94**

Learn how to manipulate your own characters, experience VR and create your very own game.

You'll learn from our Games Teacher, Tyson Butler-Boschma – The creator of Primordials: Fireborn.

## **School Based Hospitality at Box Hill Institute**

Box Hill Institute is excited to announce our School Based Hospitality program aimed at Years 10, 11 and 12 students. This is a fantastic opportunity for young people to have a job and achieve a Certificate III in Hospitality while still at school.

The program is managed and guided by experienced, well trained teachers and staff. Students will be supported in the workplace. Over the course of the year, they will learn practical skills in food and beverage service, basic cookery skills and essential workplace hygiene procedures.

Aimed at Years 10, 11 and 12 students, the School Based Hospitality program involves one afternoon in class and one evening working either front of house or back of house in Box Hill Institute's Fountains Restaurant.

Managed and guided by experienced, well trained teachers and staff, students will be supported in the workplace. Over the course of a year, they will learn practical skills in food and beverage service, and essential workplace hygiene procedures. Topics include: › customer service › food and beverage service › kitchen service › coffee making › food safety › hygiene › cooking › bar service › Australian wine studies › responsible service of alcohol.

The School Based Hospitality program will get students work ready and provide them with life skills while they get paid up to \$15 an hour. It also provides successful students with the opportunity to further their studies in hospitality.

This is a great program for students who enjoy working with other people, food, coffee and drinks, and will prepare them for a career in the hospitality industry, including hotels, resorts, function centres, pubs, clubs, and cafes

If you are interested in participating in the School Based Hospitality program or would like to learn more, you can call 9286 9277 or email your resume to [culinaryarts@boxhill.edu.au](mailto:culinaryarts@boxhill.edu.au).





## Careers that started in Science

The scientists profiled at the **University of Queensland** link below used their qualifications to get them into rewarding and diverse roles throughout the world. In their day-to-day work many graduates contribute towards solving global challenges such as *climate change, curing illnesses, exploring space frontiers, developing new, life-saving drugs, and protecting the environment*. Through browsing the various profiles, students will learn about their career path, salary range, qualifications, and experiences of these scientists. Visit [Science Career Profiles](#)

Students might like to also browse profiles by other study areas:

[Agriculture and Environment](#)

[Health and Behavioural Sciences](#)

[Architecture and Planning](#)

[Science and Mathematics](#)



## Careers in the Rail Industry

The **rail industry** has much to offer...more than you imagined! There are many careers in rail, including:

- Mechanical, Electrical & Civil Engineering
- Design, Drafting & Logistics
- Safety, Security & the Environment
- Customer Service, PR, Sales, and Marketing
- IT, Systems, Project Management
- Signalling, Communications, CCTV
- Accounting, Commercial Management
- Human Resources and People Management

For more information about the many careers in the Rail Industry, visit [Rail Careers](#).



## Career as a Protective Services Officer (PSO)

Protective Services Officers (PSOs) are members of the police force, and many of the roles they fulfil are similar to the police. Protective Services Officers (PSO) in Victoria are located at all 212 metropolitan train stations in Melbourne and four regional train stations across Victoria (Bendigo, Traralgon, Ballarat, and Geelong). Their role is to build and maintain rapport with commuters and the surrounding community, and to build trust in the safety of the station. PSOs proactively patrol the train platform, car parks and surrounds, and deal with anti-social behaviour, property damage, alcohol, and transport related offences as they arise. When the Victoria Police recruit PSOs, they look for people with excellent communications skills, a strong sense of community, and a desire to make a positive difference.

Find out more at [Career as a Protective Services Officer \(PSO\)](#)