For detailed course and subject information visit: www.swinburne.edu.au/coursefinder or ring the Information Hotline 1300 368 777.

Swinburne Expo
Royal Exhibition Building, Carlton Gardens, Sunday 29 August 2004 10.00am–4.00pm www.swinexpo.com

eNews, Views and Profiles from Swinburne visit www.swinke.com

Swinburne's Virtual Campus Tour
www.swinburne.edu.au/campustour
Welcome to Swinburne

Swinburne has a strong history of providing quality, career-oriented education for undergraduate and TAFE students. Swinburne graduates have the skills and knowledge that will help them find jobs and success in their careers.

In this course guide you will find information on the extensive range of courses offered at Swinburne, from pre-apprenticeships to degrees. We also provide our students with a range of well-defined ‘pathways’ between our TAFE and Higher Education divisions, giving you even greater study and career options.

Swinburne’s strong vocational emphasis and our close links with industry ensure that our study programs keep pace with developments in the commercial sector. The University has a strong research focus that complements our degree programs.

Swinburne is committed to creating an inspiring culture of creativity and innovation. Students are exposed to a learning environment that weaves innovation and entrepreneurship into core teaching. In this way, graduates can choose to either seek employment with an existing organisation, or to found their own venture, and employ others.

Undergraduate students are also encouraged to undertake part of their degree at an overseas institution, and an international focus is built into many of our courses.

Undertaking tertiary study represents an important step in your life and choosing to study at Swinburne will help you make the most of your potential.

Professor Ian Young
Vice-Chancellor
The qualifications

University courses
(Higher Education)

Bachelor Degrees
Degree courses require a minimum of three years full-time study (or equivalent part-time) and provide students with a professional qualification. Entry usually requires satisfactory completion of the Victorian Certificate of Education (VCE), and in some cases certain prerequisite studies, or their equivalent, or an appropriate level of TAFE studies. Many degrees at Swinburne offer an optional Industry-Based Learning (IBL) year, education abroad opportunities and an additional specialised honours year. A number of double degree courses are also available.

Dual Awards
Swinburne’s dual award programs combine three-year degree programs with two-year TAFE diplomas. This enables students to complete the two courses at the same time, providing graduates with two qualifications on completion. Dual awards generally take four years full-time study.

Postgraduate Courses
Postgraduate courses may be undertaken after completion of a bachelor degree or extensive work experience in the relevant field, usually in a specialised area. Call the Course Information Hotline for a copy of the Postgraduate Course Guide or visit www.swinburne.edu.au/coursefinder for details on postgraduate programs.

TAFE courses

Advanced Diploma
An advanced diploma is the highest level TAFE qualification, requiring two to three years of full-time study (or equivalent part-time). Entry varies between courses.

Diploma
Normally two years of full-time study (or the equivalent part-time). Entry is based on successful completion of the VCE or relevant industry experience.

Certificate IV
Normally one year of full-time study (or the equivalent part-time), which can lead to a diploma. Entry is based on successful completion of the VCE or relevant industry experience.

Certificates I – III
Courses vary in length and may include basic employment and preparatory skills, broad based induction skills and/or workplace skills at a basic level.

Apprenticeships and Traineeships
Certificate courses that have formal employment agreements and involve on-the-job training.

How to use this Course Guide

The University and TAFE Course Guide provides an overview of the undergraduate courses available at Swinburne, including bachelor degrees and TAFE certificates and diplomas.

To locate a specific course, consult the Course Index on pages 64 to 72, and identify the course title and page reference you require. Alternatively, choose one of the colour coded study areas listed below.

- Applied and Industrial Sciences
- Building and Construction
- Business, Innovation and Management
- Computing and Information Technology
- Design
- Engineering and Technology
- Health and Human Services
- Hospitality and Tourism
- Multimedia
- Social Science and Arts
- Visual and Performing Arts
- Preparatory, Bridging and Support Programs

If you require more detailed information:
- visit the CourseFinder website at: www.swinburne.edu.au/coursefinder
- telephone the Information Hotline on 1300 368 777
- come to the Swinburne Expo at the Royal Exhibition Building, Carlton Gardens, on Sunday 29 August, between 10.00am and 4.00pm.
WHY STUDENTS CHOOSE SWINBURNE

It was the need for a proper business plan that initially attracted Sally Chan to Swinburne’s Advanced Diploma of Business (Marketing).

After running a dog-training business for ten years, Sally knew first-hand the need for a dog day-care centre and so her business Dog Zone was born – now catering for up to fifty-five pampered pets.

Sally’s concept was also rewarded with a $10,000 boost from the Swinburne Venture Cup, a competition recognising the best business plans from Swinburne students.

“My lecturer really encouraged me to enter the Cup and I’m glad I did – it gave the business a good start.”
Flexible learning and teaching

Swinburne aims to build optimal learning environments throughout the university. These learning environments will develop in students their innate capacities for creativity and deep learning, and will be characterised above all by flexible learning and a more learner-centred approach.

We will achieve these goals through a variety of major strategies including:

**Distance Learning**

Swinburne TAFE Distance Learning provides you with hard-copy learning resources, for study at home towards a nationally recognised certificate, diploma or advanced diploma qualification. A tutor provides regular feedback on assignments.

Areas of available study include:

- Business
- Business Administration
- Estate Agency Practice
- Financial Services
- Public Relations
- Real Estate for Agents’ Representatives
- Writing and Editing

For further information refer to the individual entries in this course guide, or contact TAFE Distance Learning on (03) 9726 1689.

Industry-Based Learning

Industry-Based Learning (IBL) is the cornerstone of many academic programs at Swinburne. By participating in our IBL program you will gain supervised professional work experience which complements your university studies.

Research at Swinburne shows that, compared with other students, IBL graduates:

- Have a higher graduate starting salary.
- Have a higher level of responsibility in their first graduate job.
- Secure a job faster than their non IBL counterparts.
- Often return to their IBL employer on completion of their degree.

For further information visit the IBL website: www.swinburne.edu.au/corporate/ili

Distance Learning provided the perfect option for Janine Bennett. Pregnant with her first child she left full-time employment and enrolled in Swinburne’s Distance Learning program to complete six subjects in a Certificate IV in Business (Estate Agency Practice) that she had been studying part-time on campus.

“Distance learning was the ideal situation for me. Although I was studying alone I never felt isolated as I knew help was only a phone call or email away and the distance education staff provided me with constructive feedback on my assignments,” she said.

Janine methodically worked her way through each unit reading the information, taking notes and then completing the associated assignment. “The structure of the course was fantastic as each unit was easy to understand and one followed on from the other.”

Studying right up to the birth of her daughter, Jordan, and then fronting up for an exam two weeks later was all worthwhile when Janine received official notification that she had completed her course.

Now she is looking at using her qualification to start up her own real estate agency, maybe from home, so she can combine working and motherhood.
Louise Merlino knew that a Bachelor of Business at Swinburne had a powerful advantage – the IBL.

“IBL’s great because it gives you real practical, paid experience. You work on real projects and have so many opportunities.”

Working for AMCOR as a business systems assistant, Louise developed new quality procedures and standards and dealt with customer complaints. She even went on business trips around regional Victoria, logging quality defects and liaising with customers.

As well as the year’s experience, Louise was given ongoing part-time work and a chance to complete a project she had worked on during her IBL.

“I worked on quality procedures and standards for AMCOR’s factory workers, and I’ve been able to continue with that as a part-time employee, which is great. IBL opened my eyes to the range of job possibilities.”

James Ellis chose Swinburne because of its excellent reputation for Information Technology courses, but once he was at Swinburne he discovered even more perks.

“Going overseas has definitely been a highlight of coming to Swinburne. It gives you a chance to meet heaps of new friends, but also to learn about a different culture while you’re studying.”

James said Swinburne was a great help in planning the trip. “Education Abroad was really supportive and helped organise the trip.”

James’ ‘trip’ just happened to be a three-week study tour in the idyllic surrounds of Crete in Greece.

“It was a fantastic experience, I really enjoyed it. Now that I’ve been at Swinburne for two years, I can honestly say the best part about studying here has been the fantastic people I have met and all the opportunities that have opened up.”

Internationalisation

Swinburne aims to become known as one of Australia’s most internationalised universities. All students are able to gain international experience through the curriculum and through direct exposure to international environments. In a sense, every Swinburne student will be an international student.

Education Abroad – your ticket to a world of study opportunities

Imagine the excitement and challenges of studying one or two semesters of your degree overseas. As a Swinburne student, you will have the opportunity to study part of your degree in over nineteen countries all over the world including North America, and countries in Europe, and Asia.

You’ll gain full credit for your overseas study, so your course won’t take any longer, and we can even help you obtain travel grants and travel scholarships. Better still, if you participate in an exchange with one of Swinburne’s overseas partners, your tuition is covered by HECS.

Our exchange partners offer a diverse range of subjects, many taught in English, so you will be sure to find something that takes you to the country of your choice and is compatible with your degree.

Take your degree one step further and give yourself a competitive edge when you graduate.

For further information, visit the Education Abroad website at:
www.swinburne.edu.au/edabroad
**Intersectoral advantage**

As an intersectoral university, Swinburne is able to capitalise on the advantages presented by operating at both the TAFE, and the Higher Education levels, by providing students with an advanced credit transfer system, known as the Pathways program.

**Pathways**

If you are interested in continuing your formal education, the Swinburne Pathways program will ensure you get the maximum benefit from your previous studies.

Whether you are coming from school, Swinburne TAFE, another TAFE institute or university, credit transfer Pathways are in place to help you enter the right course at the appropriate level.

The development of Pathways has made it easier than ever before to move between courses offered by TAFE and by the university.

For further information visit the Credit Transfer website at: [www.swinburne.edu.au/credit](http://www.swinburne.edu.au/credit)

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**James Hyndman** is proof that VCE results don’t have to dictate your destiny.

“I didn’t get the marks I was hoping for so I decided to do an Advanced Diploma in Business (Marketing), and I don’t regret it. The TAFE course was highly relevant and practical, and based on what I always wanted to do. After two years, I transferred into the second year of the Bachelor of Business.”

“If you have a vision of where you want to be, then you shouldn’t see your VCE results as the be all and end all. Starting out at TAFE means you get practical knowledge of your preferred career.”

With a keen interest in marketing and management, James’ majors during his Business degree, he was grateful for a chance to apply them in an IBL year with a marketing department in a large organisation.

“I developed so many skills during my IBL year like problem solving and communication, and also specific marketing techniques. It was a great experience.”

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**AQF Pathways diagram**

![AQF Pathways diagram](https://via.placeholder.com/150)

*Australian Qualifications Framework <www.aqf.edu.au>*

RPL = Recognition of Prior Learning
Research
Swinburne is one of the few universities in Australia that offers a range of qualifying programs covering TAFE, Higher Education and Postgraduate Research.

In a dynamic university, such as Swinburne, much of the material being addressed in undergraduate courses today was only recently the subject of frontline research and development. It is this interaction of teaching, learning and research that defines the spirit of a true university.

Research is about exploring the unknown. The urge to satisfy curiosity, to expand our basic knowledge and to apply this knowledge to the creation of new products, processes and services, is what research at Swinburne is all about.

A few of the areas under investigation at Swinburne include:
- millisecond pulsar astronomy utilising one of the largest supercomputers in Australia;
- probing the course of a chemical reaction in real-time with the femtosecond laser spectrometer;
- understanding the dynamics of the human brain;
- creating machines so small they would fit on a pinhead;
- understanding complex social issues such as Housing, Asian Politics and the meaning of Citizenship;
- understanding the way large businesses organise themselves;
- developing the science behind natural therapies.

If you think research is for you, examine some of the innovative undergraduate courses which are designed to lead to research within this Course Guide.

Katherine Wheeler already feels ‘equipped for the future’ now that she is in her final year of the Bachelor of Science (Research and Development)/Engineering (Electronics and Computer Systems).

“I really like the course’s research focus, every semester you get to work on projects, even in first year.”

For Katherine, a highlight of her fourth year research project was a chance to step outside the sphere of her science/engineering degree and learn more about psychology.

“I worked on developing computer software to analyse children’s drawings. I didn’t know much about psychological analysis so it was a steep learning curve.”

“There are many different scoring systems that analyse the lines and patterns in a child’s drawing. Software programs could make the analysis more consistent for psychologists.”

Currently the software mathematically analyses patterns and lines in a drawing, but Katherine is building qualitative analysis into the software. “This software can potentially improve the way psychologists analyse children’s neurological function – it’s a very practical project.”
Swinburne’s campuses

Croydon campus
12–50 Norton Road
Croydon Vic 3136

Croydon offers TAFE diploma and certificate courses in the areas of business and management, computing and information technology, and health and human services. It also offers pre-apprenticeship and apprenticeship courses in building and construction, and a wide variety of short courses.

Hawthorn campus
John Street
Hawthorn Vic 3122

Swinburne’s original campus at Hawthorn, located seven kilometres east of Melbourne, is home to the University’s central administration, and offers a wide range of undergraduate and postgraduate programs, TAFE courses and short courses. It is also the site of many of Swinburne’s research and training centres. At Hawthorn it is possible to do everything from a pre-apprenticeship to a PhD.

Healesville campus
237 Maroondah Highway
Healesville Vic 3777

Situated at the top end of the Yarra Valley, Swinburne’s Healesville campus offers a wide range of courses and subjects to meet community needs. There is a special focus on small business, computing and office administration. Courses in horticulture and agriculture are also offered.

Swinburne’s international campuses

Swinburne National Economics University (NEU), Hanoi and Ho Chi Minh City, Vietnam
www.swinburne.edu.au/business/minta

Swinburne Sarawak Institute of Technology
Kuching, East Malaysia
www.swinburne.edu.my
The Lilydale campus offers short courses, TAFE, undergraduate and postgraduate courses. The tranquil setting and friendly and supportive environment ensures students have a valuable learning experience. The campus and its facilities have grown to include the ‘Student Village’, ‘Mitchell’s View’ training restaurant and a new purpose built high-tech postgraduate research building which will house the Centre for Regional Development, honours and research students.

Prahran campus is home to the renowned National Institute of Design, which offers a range of graphic, industrial, interior, and multimedia design courses at undergraduate and postgraduate level. Prahran also runs TAFE programs in a range of areas such as business, social sciences, visual and performing arts, and hospitality. A large number of short courses are offered in the areas of entertainment, arts, language, fitness, business, computing and information technology.

The Wantirna campus houses the central administration of Swinburne’s TAFE Division. It offers diploma and certificate courses in the areas of art and design, automotive, business and management, computing and information technology, engineering and electronics, horticulture, and health and human services. Short courses in a wide range of subject areas are also offered in either day or evening time slots.

→ Melways reference: 38 D6
→ Melways reference: 58 D6
→ Melways reference: 63 J12

:: Swinburne’s virtual campus tour
www.swinburne.edu.au/campustour
Student life at Swinburne is not just about lectures, study and exams. Take time out, have some fun. There are a whole range of events and activities, across all of our campuses, to entertain you. Swinburne student organisations — run by students for students — provide you with the best opportunities to have a good time, whilst having a say in what you’d like to do as a Swinburne student. Both the Swinburne Student Union (SSU) and the Swinburne Sport and Recreation Association (Swinergy) offer you great ways to get involved.

Orientation
Orientation Week is for new students and is held before classes begin to help familiarise you with your campus and the services available. The Student Union facilitates the Orientation Host scheme on most campuses. O Hosts will take you on tours, and give you the inside story on life at Swinburne! As well, the SSU offers info sessions, live entertainment and free food. Generally the big O Week events will be scheduled for particular days — but individual events are often organised locally for some departments, so look out for these too.

Welcome Back Week
First week of semester marks the beginning of a week of festivities. Students are given the opportunity to participate in a number of SSU coordinated events. Bands, beer, sausage sizzles, comedy, street theatre, club displays, competitions and much more continue throughout the week and into the new semester. A calendar of WBW events is listed in the first edition of The Swine (the student newspaper) and on the Student Union website at www.ssu.swin.edu.au

Union night
Each year the Union celebrates the beginning of the New Year with an evening of music and entertainment. Information about these events can be obtained from your Student Union administration or by contacting (03) 9214 5456.

Union Ball
The Union Ball is a signature event organised jointly between the clubs and societies and activities departments. Over 400 students attend the black tie event each year marking its popularity and success. Further information about the ball can be obtained by contacting the SSU Clubs Officer on your campus.

Clubs and societies
There are over sixty clubs affiliated across Swinburne’s six campuses. Clubs cover a range of interests including academic, cultural, religious and social. Affiliated clubs are entitled funding in accordance with membership numbers and Further Education funding for special events. For information about existing clubs or advice on starting a club, contact the SSU Clubs Officer on your campus.

3SSR
Swinburne Student Radio is an independent association founded by Swinburne students in 1998. The station has been broadcasting under a temporary license on the FM band since then. There are a range of programs appealing to a broad cross-section of the Swinburne and greater community. Visit 3SSR at www.3ssr.org.au or contact the station manager on (03) 9214 8869.

Off-campus
The Student Union hosts many off-campus events each year, especially through the Clubs and Societies program. These often include river cruises, movie nights and nightclub tours. Check out the SSU website, The Swine, and local noticeboards for forthcoming events.
Living away from home

For many students, entering tertiary education means leaving home for the first time; moving to Melbourne from the country, or from overseas, while others simply decide it’s time to assert their independence and move out of home.

Deciding where to make your next home can be a daunting task: one which too many students think about only after they have received an offer into a particular course. At Swinburne, our support staff can assist you in your decision.

Accommodation at Swinburne includes both on-campus and off-campus options.

Hawthorn campus
The eighty-four room Residential College, located on the Hawthorn campus, features individual rooms furnished with a single bed and bedding, built-in study desk and bookshelf, cupboards, chairs, wash basin, electric jug and hydronic heating. Live in resident advisers are available to provide a hand with study and settling in.

Hawthorn also has a number of on-campus apartments comprising either two or three bedrooms, which are well suited to students undertaking second year and above.

Further information
Telephone: (03) 9735 9309
www.ld.swin.edu.au/village

Off-campus options
Swinburne’s Housing Office provides off-campus options, such as home-away-from-home, private rental/share housing and details on local hostels. A housing adviser will assist you in deciding which type of accommodation will best suit your needs and financial situation. Advice on living costs and tenancy issues are also available.

Further information
Telephone: (03) 9726 1710 (Croydon)
(03) 9214 8882 (Hawthorn)
(03) 9215 7105 (Healesville)
(03) 9215 7105 (Lilydale)
(03) 9214 6728 (Prahran)
(03) 9210 1905 (Wantirna)
www.swinburne.edu.au/stuserv/housing

Originally from Sale, Matthew Callahan now considers Melbourne to be his home.

“I love Melbourne. There’s so much to do, I’m living on campus at the moment but I hope to get a house here in the future.”

When he first moved to Melbourne, Matthew was lucky enough to win a $1000 Relocation award, which he says was ‘very handy’ for covering extra costs like books. But he wasn’t expecting to win the Foundation Scholarship, which rewarded his excellent VCE results.

“I got told in January, so it was a nice surprise to win another award!”

Now in his second year at Swinburne, Matthew is enjoying his computer science/software engineering course, which he chose because of IBL.

“I was looking at other courses, but Swinburne offered a year’s paid full-time work, which is why I applied. So far it’s been good, I’m looking forward to working in the industry. It’s constantly changing, so there are always new opportunities.”
Scholarships – a head start for study

Undertaking study is a long and expensive commitment, and a helping hand can make the path smoother. Swinburne recognises this, and the University offers a wide variety of scholarships for new enrolling undergraduate and TAFE students.

Higher Education (Hawthorn and Prahran) degree courses
Most Higher Education courses taken at the Hawthorn and Prahran campuses have scholarships. There are three categories of scholarships available:

■ Vice-Chancellor’s Engineering Scholarships
■ Vice-Chancellor’s Information Technology/Science Scholarships
■ Swinburne Foundation Scholarships.

These scholarships are HECS waiver and awarded on academic merit. Vice-Chancellor’s Engineering Scholarships allow students to elect to study any of Swinburne’s single engineering degrees or double degree combinations that include engineering.

The Vice-Chancellor’s Information Technology/Science Scholarships allow students to study any of Swinburne’s (Hawthorn campus) single science or multimedia degrees or selected single information technology degrees, or a double degree combination that includes information technology, multimedia or science.

Swinburne Foundation Scholarships are available to students enrolling in the following degree study areas: arts, business, design, health science, social science and technology, and entitles recipients to a HECS waiver.

To be eligible for any of these scholarships students must:

■ have an ENTER of 95 or above, and

Applicants for any of the above scholarships must also apply through VTAC. See the VTAC Guide for details.

Lilydale degree courses
A range of scholarships are available to commencing and continuing students. These scholarships are awarded on criteria including academic merit, community service, place of residence and interview. These scholarships range from $1,000 to $2,000. Students must apply direct to Swinburne, in addition to their VTAC application.

For further information visit: www.swinburne.edu.au/scholarships

TAFE courses
Swinburne TAFE Scholarships are available in three main areas: business, engineering and social sciences. Scholarships are awarded to students who meet the criteria as established for each individual category. Scholarship winners will receive payment of all fees for 2005 (enrolment and general service fee) and a cash prize of $500.

For further information and application forms visit: www.swinburne.edu.au/scholarships

Nicole Paton’s 98.80 ENTER score helped her to win one of Swinburne’s prestigious Vice-Chancellor’s Engineering Scholarships and a place in the competitive Bachelor of Engineering (Product Design Engineering) course.

“It was a great honour that I didn’t expect. I was always planning on going to Swinburne, but the scholarship made it even more worthwhile.”

Now in her second year at Swinburne, Nicole is enjoying the course, especially its practical focus.

“I found the course really well structured, and it also provides such a broad range of opportunities. There is equal emphasis on the technical and artistic side of engineering. At school I was interested in physics as well as art and design so this course was perfect. There was nothing else like it.”
Degree courses
The minimum requirement for entry into Swinburne degree courses is the successful completion of the Victorian Certificate of Education (VCE) with a study score of at least 25 in Units 3 and 4 English (any) OR equivalent studies.

Equivalent studies to the VCE include:
- Qualifications obtained interstate or overseas at either a secondary or tertiary level; OR
- Successful completion of a TAFE diploma or certificate IV or any tertiary subjects.

Some courses have prerequisite subjects in VCE and/or special requirements. These are set out in this publication, Swinburne course brochures and the VTAC Guide. Applicants must satisfy prerequisites and special requirements to be eligible for entry into a particular course.

Non-Year 12 applicants are individually considered on the basis of a range of factors, such as previous studies, work experience, any extra requirements specified for the course. Applicants for the Bachelor of Business and Bachelor of Business/Bachelor of Arts (Italian) or (Japanese) must sit the STAT Multiple Choice test, managed by VTAC.

Applicants for other courses must complete the VTAC SI form.

Minimum entry requirements apply for holders of complete and incomplete TAFE and university qualifications applying for degree courses. Unless otherwise stated, an offer of a place in any course is always subject to places being available.

TAFE courses
For entry into TAFE certificate IV and diploma courses, satisfactory completion of VCE (see above) or a TAFE certificate level qualification or relevant work experience is required. Some courses have a minimum age requirement.

As with degree courses, some TAFE courses also have special requirements or prerequisite subjects. Refer to individual course entries for details.

Non-Year 12 applicants can apply if they are at least eighteen years of age and have been out of full-time schooling for at least twelve months.

VTAC applications
For entry into full-time and some part-time degree courses and most TAFE certificate IV and diploma full-time courses, applications need to be made through the Victorian Tertiary Admissions Centre (VTAC).

Applicants are advised to obtain a copy of the VTAC Guide for the forthcoming year, which can be purchased in newsagencies from July onwards. Alternatively, the VTAC Guide can be accessed online from VTAC’s website: www.vtac.edu.au

Further information can be obtained from VTAC at:
40 Park Street
South Melbourne Victoria 3205
or telephone the VTAC Infoline on 1300 364 133.

Timely applications should be lodged at VTAC by the end of September. After this time late fees will apply. Final VTAC applications close mid December.

In addition to applying through VTAC some courses also require a supplementary application form, interview, audition and/or a folio assessment. Where required, these are outlined under the course entry in this publication and in the VTAC Guide.
**Change of Preference**

Change of Preference is a great opportunity for students to reassess the courses they initially listed with VTAC in light of their results.

A Change of Preference advice Hotline is available to Year 12 applicants after the publication of VCE results, during the VTAC advertised Change of Preference period (late December). Change of Preference periods are also available to non Year 12 applicants (during October and November). Consult the current VTAC Guide or the VTAC website for relevant dates. For advice on course options at Swinburne call the Hotline on 1300 368 777.

**Direct applications**

Entry into all TAFE part-time and some full-time courses is by direct application to Swinburne. There are also several Higher Education part-time courses that require a direct application. Telephone Swinburne for an application form on 1300 368 777.

**Special entry schemes**

People of Aboriginal and Torres Strait Islander background are eligible to apply to Swinburne for special admission. For further information, contact the Swinburne Indigenous Programs office on telephone (03) 9215 7208.

**International students**

Swinburne welcomes international students wishing to study TAFE, degree or postgraduate courses. Applications can be discussed with staff in our International Student Unit (ISU), which is responsible for the admission, orientation and support of all international students. The ISU can be contacted on (03) 9214 8647 or via email: isuenq@swin.edu.au

Please note, not all Swinburne courses are available to international full-fee paying students.
**Applied and Industrial Sciences**

**Biotechnology**

Bachelor of Science (Biotechnology)

Campus: H

Duration: Three years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), in one of Biology or Chemistry, and in one of Mathematical Methods or Specialist Mathematics.

Application: VTAC

VTAC code: 34241

2004 Round 1 Clearly-In ENTER: 80.55

As the sciences that underpin biotechnology, this course provides in-depth studies of biochemistry, microbiology and molecular biology. It also provides flexible options that allow students to take out major studies in chemistry, computer science, business, or media and communications.

This course equips graduates for careers in biochemistry and biotechnology related to the medical, health, agricultural and environmental industries.

**Biotechnology/Business**

Bachelor of Science (Biotechnology)/Bachelor of Business

Duration: Four years full-time.*

Campus: H

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), in one of Biology or Chemistry, and in one of Mathematical Methods or Specialist Mathematics.

Application: VTAC

VTAC code: 34241

2004 Round 1 Clearly-In ENTER: 80.55

This double degree aims to provide a professional education in biotechnology and business that will enable graduates to use scientific research and innovative skills to create a new business enterprise or to contribute to existing businesses.

Refer to page 22 for Business majors/minors.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.

**Biotechnology/Media and Communications**

Bachelor of Science (Biotechnology)/Bachelor of Arts (Media and Communications)

Duration: Four years full-time.*

Campus: H

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), in one of Biology or Chemistry, and in one of Mathematical Methods or Specialist Mathematics.

Application: VTAC

VTAC code: 34241

2004 Round 1 Clearly-In ENTER: 80.55

This double degree prepares graduates for careers in the media and communications industries where their expert understanding of the sciences associated with biotechnology will allow them to deal critically with technological issues and enhance community understanding.

**Conservation and Land Management**

Diploma of Conservation and Land Management

Campus: HV/L

Duration: Two years full-time or equivalent part-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application: VTAC (full-time) or direct to Swinburne for part-time.

All applicants MUST contact Swinburne with regard to a preliminary selection session.

VTAC code: 70751

This course involves the use, maintenance, conservation and effective management of our natural resources including flora, fauna and water. The course aims to develop a broad knowledge in environmental science and specialises in the development of management strategies for the sustainable use of our resources.

Careers in the public and private sector in forest/park/catchment management, ecotourism, environmental science research; revegetation/land rehabilitation; hydrography; irrigation/ground water management; environmental education; sustainable agricultural, forestry, fisheries and mining site management; and environmental consultancy.
Environmental Management

Diploma of Environmental Management

Duration: Two years full-time or equivalent part-time.
Campus: H
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent or mature age.
Application: VTAC (full-time) or direct to Swinburne for non Year 12, part-time and mid-year intake.
VTAC code: 77741

This course includes methods of minimising, managing and re-using industrial and domestic by-products with regard to the environment, thereby enabling graduates to advise management on their legislative duties.

Career opportunities are available in local government and a range of private industries – waste treatment and disposal companies, emergency services, chemical transport and private consultancy’s focus on ecologically sustainable development.

Successful completion of the diploma may also allow Pathways into Swinburne’s Bachelor of Health Science (Public and Environmental Health).

Forensic Science

Certificate IV in Forensic Science

Campus: H
Duration: One year full-time or equivalent part-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent with Units 3 and 4 – Mathematics (any), Science (any) or mature age.
Application: VTAC (full-time) or direct to Swinburne, for part-time.
VTAC code: 77861

This course aims to provide the scientific knowledge and practical skills required by people working, or intending to work, in some areas of the forensic science industry.

Entry level employment in the forensic science industry. Successful completion of the course may also allow Pathways to one of Swinburne’s diploma programs.

Horticulture

Diploma of Horticulture

Campus: W
Duration: Two years full-time or equivalent part-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Application: VTAC
VTAC code: 71311

This course is suitable for school leavers and others who have a demonstrated commitment to horticulture and wish to pursue a career within the nursery, landscape, parks and gardens and floriculture industries.

Employment in the horticulture industry at a technical, supervisory or management level.

Certificate III in Horticulture – Apprenticeship
Certificate II in Horticulture – Pre-Apprenticeship/Traineeship

Campus: W
Duration: Apprenticeship: Three years part-time (one day per week).
Pre-Apprenticeship: Six months full-time.
Traineeship: One year part-time (one day per week).
Prerequisite: Applicants must be at least 15 years of age. Certificate III and Traineeship applicants must be apprenticed to an employer.
Application: Direct to Swinburne.

These courses provide students with the knowledge and skills to meet the needs of the horticulture industry in the areas of floriculture, landscape, nursery, or parks and gardens.

Employment in the floriculture, landscape, wholesale nursery, parks and gardens industries.
After arranging flowers in her spare time, it was Brigette Hanka’s mother-in-law who encouraged her to work in floristry and eventually complete a Certificate II in Horticulture (Floriculture Traineeship).

“I was always arranging flowers, so my mother-in-law encouraged me to work in the field. I worked in a variety of florists on and off for three years after high school, but I was looking for more of a challenge.”

This led to a job at a nursery where her duties ranged from serving customers to mulching plants. Realising the need for more in-depth botanical knowledge, she started a one-year traineeship with Swinburne.

“It was very challenging, but I really love my job so it was also the best thing I ever did. I would really encourage people working in the field to just go ahead and do a traineeship – they won’t regret it.”

A key challenge of the horticulture traineeship was absorbing a great deal of information about all of the plants.

“Every plant has about three different names, including its family, botanic and common names and also some of the subjects like Plant Health were hard, but very important to learn. But because I was working while I was studying I could put my skills to practise.”

Despite the challenges, Brigette managed to achieve excellent marks helping her win the Trainee of the Year award – an honour that left her ‘speechless’.

“Originally I was nominated for the Rotary Award, and didn’t realise I was nominated, but when I won I couldn’t believe it! It was a fantastic honour.”

Having completed her traineeship while working for the past four years, Brigette is now swapping jobs for one closer to her home in Boronia.

“I’m after a bit of a change and my new job will be a five minute drive from home, which will be great. Eventually I hope to run my own nursery/florist, so I can combine both of my interests in a job that I love.”
Building and Construction

1 Building

Certificate IV in Building

Campus: C

Duration: Four years part-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or experience in the building industry.

Application: Direct to Swinburne.

This course covers the theory and practice related to low-rise buildings and associated steel structures. Students develop specialist skills and knowledge in plan interpretation, drafting, quantities take off, estimating, scheduling, construction technology, OHS, site supervisor surveying, cost control and business management.

Employment as a building practitioner, building works supervisor, estimator.

1 Carpentry

Certificate III in General Construction – Apprenticeship

Certificate II in General Construction – Pre-Apprenticeship

Campus: C

Duration: Certificate III: Three years part-time (block release).

Certificate II: Four months full-time.

Prerequisite: Satisfactory completion of an appropriate Victorian Year 10 or its equivalent, or mature age. Certificate III applicants must be at least 15 years of age and apprenticed to an employer.

Application: Direct to Swinburne.

Apprentices are involved in planning and construction of off-site components used in the building industry including doors, windows, cupboards and stairs. Skill development covers preparation of plans, cutting schedules and set-out requirements for all aspects of trade.

Employment in the Joinery/Shopfitting/Stairbuilding manufacturing industry.

1 Carpentry and Joinery

Certificate III in Carpentry and Joinery – Apprenticeship

Campus: C

Duration: Certificate III: Three years part-time (block release).

Prerequisite: Satisfactory completion of an appropriate Victorian Year 10 or its equivalent, or mature age. Certificate III applicants must be at least 15 years of age and apprenticed to an employer.

Application: Direct to Swinburne.

Apprentices are involved in planning and construction of off-site components used in the building industry including doors, windows, cupboards and stairs. Skill development covers preparation of plans, cutting schedules and set-out requirements for all aspects of trade.

Employment in the Joinery/Shopfitting/Stairbuilding manufacturing industry.
Jason Whitehead was painting and redecorating cars and walls ever since he can remember. By the time he was 16, he realised that an apprenticeship was the best option, choosing Swinburne’s Certificate III in General Construction (Painting and Decorating) to start his career.

“You can’t really do anything without an apprenticeship in this field. It’s very important to have training and experience.”

Securing an apprenticeship with a painting firm and studying at Swinburne TAFE’s Croydon campus, Jason soon found himself travelling all around Australia as part of his job.

“The job takes me everywhere. I even spent the last ski season in Mt Buller, and all my meals and accommodation were paid for, which was great. Not many jobs offer you these opportunities so I feel pretty lucky.”

Despite his good fortune, skill plays a vital part in Jason’s training, with theory learned at Swinburne helping him in his everyday work.

“During the apprenticeship I learnt about a lot of techniques I never knew existed, like air-spraying. And that’s good because it adds a bit of depth to what you’re doing.”

Jason was able to put these skills to the test, entering in the World Skills Painting and Decorating competition, finishing in second place. Competing against apprentices from other TAFEs, Jason was given two walls to completely decorate within eight hours under the watchful eyes of judges.

The pressure didn’t faze Jason, who said it was all in a day’s work.

“It was pretty easy. I’m used to a lot more variety, and I’ve worked on painting tennis courts and roof restoration.”

Having worked for four years, Jason is keen to start his own roof restoration business and wants to encourage other would-be apprentices.

“An apprenticeship has its ups and downs like everything, but it’s definitely worth doing. I wouldn’t be thinking about opening up my own business without it.”
Accounting
Advanced Diploma of Accounting incorporating a Diploma and Certificate IV/III
Campus: H, L, P
Note: Certificate III is also offered at the Wantirna campus.
Duration: Two years full-time.
Prerequisite: Successful completion of Year 12 or its equivalent, or mature age.
Application: VTAC. Direct to Swinburne for Certificate III and mid-year intake.
VTAC code: 77201(H), 70721(L), 78201(P)
This course covers areas such as costing, payroll, accounts payable, accounts receivable, taxation and budgeting. Students gain hands-on experience using accounting, taxation, spreadsheet and word processing software.
Employment can be found in a variety of professional accounting positions.

Accounting
Bachelor of Business (Accounting)/Advanced Diploma of Accounting
Campus: C, L, W – Advanced Diploma; L – Degree
Duration: Four years full-time.*
Note: The first two years are predominately TAFE studies.
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 35041
2004 Round 1 Clearly-In ENTER: 63.40
This dual award course provides students with the opportunity, not only to gain specialist accounting training at a theoretical and practical level, but also to undertake minors in a variety of related areas including economics, finance and human resource management.
Professional accountancy in auditing, liquidation, taxation, investment, finance, management, computer accounting and costing, in industry, in private accounting firms, in the public sector and overseas.

Accounting
Bachelor of Business (Accounting)
Campus: H
Duration: Three years full-time or equivalent part-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 34411 (full-time), 34701 (part-time)
2004 Round 1 Clearly-In ENTER: 83.30
This degree is specifically designed for students seeking recognition by professional accounting bodies. It offers specialisation in the accounting field while developing sound general business knowledge and practical business skills.
Graduates find rewarding work in industry, commerce, the public sector, the finance industry or business consulting and public accounting.

Accounting
Bachelor of Business (Accounting)
Campus: L
Duration: Three years full-time or equivalent part-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 35021 (full-time), 35181 (part-time)
2004 Round 1 Clearly-In ENTER: 70.50
Accounting is the basic language of business. Business activities are recorded and analysed in financial terms using accounting systems. Investors use financial statements to guide their actions. Managers utilise information from cost accounting systems to make decisions, price products, develop operating strategies and evaluate business performance.
Graduates may find employment in professional accountancy in auditing, liquidation, taxation, investment, finance, management, computer accounting and costing, in industry, in private accounting firms, in the public sector and overseas.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**Advertising**

Advanced Diploma of Business (Advertising) incorporating a Diploma and Certificate IV

- **Campus:** P
- **Duration:** Two years full-time.
- **Prerequisite:** Successful completion Year 12 or its equivalent, or mature age.
- **Application:** VTAC or direct to Swinburne for mid-year intake.
- **VTAC code:** 78091

This course combines generic business management and operations with advertising specific skills and knowledge. It covers advertising principles and practice, advertising communication and presentation techniques, advertising research, marketing, business law, software applications and consumer behaviour.

A wide range of occupations within the advertising industry, including advertising manager, account service executive, brand or product manager, copywriter/designer, marketing researcher and strategic planner.

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**Assessment and Workplace Training**

Certificate IV in Assessment and Workplace Training

- **Campus:** H, W
- **Duration:** One semester part-time.
- **Prerequisite:** There are no formal prerequisites.
- **Application:** Direct to Swinburne.

This course is suited to people who have considerable responsibility for training program development and delivery as well as assessment of training participants or employees. Under the new Australian Quality Training Framework this is a mandatory qualification.

Employment in areas of training design and delivery, coaching, and assessing roles in industry and government organisations.

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**Asset Finance**

Diploma of Business (Asset Finance) incorporating a Certificate III

- **Campus:** H
- **Duration:** Two years part-time.
- **Prerequisite:** Mature age applicants who have relevant experience in the financial services sector.
- **Application:** Direct to Swinburne.

This course is specifically designed for those working in the finance sector. It is fully endorsed by the Australian Asset Finance Association and is delivered by qualified industry experienced teachers/trainers.

Employment as asset financiers, brokers, credit analyst, lending officers or consultants.

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Rachael Halls is amazed that people find accounting boring, given its analysis and problem-solving, which she says goes beyond stereotypical ‘number-crunching.’ For Rachael, who initially deferred her Bachelor of Business (Accounting) course to become an apprentice motor mechanic, the satisfaction of solving mathematical problems beats repairing cars.

“Ever since I helped my Dad out with the books for his business, I’ve enjoyed working with numbers. But my car was always breaking down and costing me money, so I decided to be an apprentice mechanic, but it wasn’t for me so I returned to Swinburne to finish my degree.”

And Rachael not only finished her degree, but was one of only two indigenous students to receive a scholarship from the CPA (Certified Practising Accountants), which covered the costs of CPA accreditation.

“It was a great honour, my lecturer John Lourens encouraged me to apply and I was glad that I did.”

Proud of her indigenous heritage, Rachael was heavily involved with Swinburne’s Indigenous Programs Unit (IPU), attending its annual Summer Getaway Camp as a role model to inspire indigenous children to further their education.

“The camp was great fun. I hope I showed them that they can extend themselves and study whatever they want to.”

As well as volunteering her time for the IPU, Rachael took her first overseas trip to Singapore and Vietnam where she spent two weeks visiting mainly Australian businesses to analyse how business strategies were adjusted to suit different cultures as part of the International Business Programs subject.

“The trip really opened up my eyes to how people in other cultures live. I really loved Vietnam and can’t wait to go back.”

Rachael’s course also helped land her a graduate position with Australia Post, where she works in accounts and systems support. She is philosophical about her success saying anybody can do what she does, if they want to.

“I believe it’s what you put in that determines how successful you are. If you work hard, you will get ahead.”
Christopher Stoll was two years into his first degree in computing and accounting, when he realised it wasn’t for him. Time spent overseas made him realise finance was his true passion, leading him to complete a Diploma of Business (Banking and Finance) at Swinburne.

“I was a language instructor at Berlitz in Japan where I encountered a variety of people and an entirely different culture. Our clients included Merrill Lynch, Morgan Stanley and Bloomberg’s so I met a lot of brokers and financial analysts which made me consider a career in finance.”

“Ironically, being in another country made me realise how little I knew about Australia. It was an eye-opening experience.”

Before returning to Melbourne to complete a Diploma of Business in Banking and Finance at Swinburne TAFE, Christopher considered many other study options.

“I looked at every course I possibly could, but Swinburne’s diploma was very intensive and offered content I could really get my teeth into and jump-start my career in banking and finance,” said Christopher, who completed the fast-track 18 month diploma in 12 months.

His strong interest in financial securities was rewarded with highly practical and relevant subjects. “My favourite subjects were definitely Financial Institutions Marketing and International Banking and Finance. It taught me how everything works and was very up to date.”

Christopher’s passion for finance translated into excellent marks and a $1000 Alumni Scholarship. “I was totally blown away! I am glad my wife convinced me to apply, I didn’t think I had a chance.”

But the award didn’t just recognise Christopher’s academic ability but also his service to the community, shown by giving up his valuable time to teach international students English and provide support.

Now armed with his diploma, Christopher is applying for degrees in commerce that offer Asian economics subjects and looks forward to returning to Japan.

“I will definitely go back and work there. I have strong career networks there and having done the diploma I have a more concrete idea of what I want to do and more knowledge about the finance industry. In deciding to go to Swinburne, I definitely made the right decision.”

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**Banking and Finance**

Diploma of Business (Banking and Finance)

Campus: H

Duration: Eighteen months full-time or up to four years part-time.

Prerequisite: Successful completion Year 12 or its equivalent, or mature age.

Application: VTAC (full-time) or direct to Swinburne for part-time and mid-year intake.

VTAC code: 77951

This course aims to develop and enhance the skills and knowledge in accounting, law and financial management of people who seek a career as bank branch manager or people engaged in specialised functions in a large branch or head office. Employment in the banking and finance industry.

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**Business**

Bachelor of Business

Campus: H

Duration: Three years full-time or equivalent part-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 34411 (full-time), 34701 (part-time).

2004 Round 1 Clearly-In ENTER: 83.30

The Bachelor of Business at Hawthorn equips students with a diverse range of theoretical knowledge and practical skills to prepare them for the demands of tomorrow’s business world. In the first year students undertake a range of foundation studies across all business disciplines, enabling them to ‘sample’ subject areas before committing. Students then select major and minor study sequences or electives, depending on career aspirations or interests, from the following: Accounting, Asian Business#, Business Law#, Economics#, eMarketing#, European Business#, Finance, Human Resource Management/Organisation Behaviour, Information Systems, International Business, Management, Manufacturing Management, Marketing. Students may also undertake studies from a wide range of subjects in the Bachelor of Arts and Bachelor of Social Science.

Graduates will have the basic capacity, attributes and ‘mindset’ to consider creating their own enterprises from the time of graduation, or at some future point in their career. They will therefore be well prepared to either seek professional entry as an employee in their chosen field of specialisation or to grasp innovative business opportunities to employ themselves and others.

# Available as a minor study sequence only.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**Business**

Bachelor of Business

Campus: L

Duration: Three years full-time or equivalent part-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 35101 (full-time), 35251 (part-time).

2004 Round 1 Clearly-In ENTER: 67.55

The Bachelor of Business at Lilydale provides students with the skills and abilities pertinent to a variety of professional careers in the private and public sectors. The course introduces the world of business through a range of compulsory core subjects and enables students to specialise in the field of their chosen profession. At least one major must be taken from the business streams of: Accounting, Marketing, Economics, Economics/Finance, Human Resource Management, Information Systems, Tourism or Management. In addition, students may select majors and/or minors in: Business Law, Interactive Multimedia, Media Studies, eBusiness, Psychology, Computing, Information Technology, Social Statistics or Sociology.

Career opportunities are available in a wide range of fields such as sales and marketing, tourism, accountancy, human resources, management and financial advice.

**Business Management**

Advanced Diploma of Business Management incorporating a Diploma and Certificate IV

Campus: P, W

Duration: One year full-time (Diploma) or equivalent part-time.

Prerequisite: This course is suited to mature age applicants who have industry or other relevant experience. Year 12 students will be considered for the full-time course.

Application: VTAC (Diploma) or direct to Swinburne for part-time.

This course aims to develop the skills required to effectively manage people in the workplace and focuses on the importance of financial aspects when making decisions. It also aims to develop an innovative and entrepreneurial attitude to management by studying a range of modules designed to enhance advanced skills in management.

Employment in frontline and middle management positions in a range of companies in the private and public sectors.

**Business/Italian**

Bachelor of Business/Bachelor of Arts (Italian)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 34651

2004 Round 1 Clearly-In ENTER: 80.30

This course offers the opportunity to undertake a business degree while providing competence and fluency in the Italian language and an understanding of modern Italian culture including its social, political and economic aspects. In addition to its academic and practical skills, the course also opens up a myriad of international study and work opportunities upon which to build networks within Italy and Europe.

Graduates may seek employment with international and Australian organisations or companies dealing with, or located in, Europe.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.

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**Veronica Power**

Enterprise Management

Winner of the 2003 Swinburne Higher Education Teaching Excellence award, Veronica Power believes the secret to her teaching success lies in her ability to empathise with her students.

Veronica, who is Discipline Leader of Enterprise Management at Swinburne’s Lilydale campus, feels she is blessed to have a career she loves.

"I love teaching and connecting with my students. Whether they are high achievers or battlers, I do my best to help them reach their true potential," she says.

Veronica has introduced a range of initiatives to make studying easier, more appealing and more relevant to her students, including making lectures available on CD-ROM.

Veronica says having started her tertiary education as a mature age student has helped her see things from the student’s perspective.
**Business/Japanese**
Bachelor of Business/Bachelor of Arts (Japanese)

*Campus: H*
*Duration: Four years full-time.*

*VCE Prerequisite:* Units 3 and 4 – a study score of at least 25 in English (any).

*Application:* VTAC
*VTAC code:* 34801
*2004 Round 1 Clearly-In ENTER: 80.95*

This course offers the opportunity to undertake a business degree while providing competence and fluency in the Japanese language and its associated areas including culture, social, political and economic aspects. In addition to its academic and practical skills, the course also opens up a myriad of international study and work opportunities upon which to build networks within Japan.

Graduates may seek employment with international and Australian organisations or companies dealing with, or located in, Japan.

**Business/Social Science**
Bachelor of Business/Bachelor of Social Science

*Campus: L*
*Duration: Four years full-time or equivalent part-time.*

*VCE Prerequisite:* Units 3 and 4 – a study score of at least 25 in English (any).

*Application:* VTAC
*VTAC code:* 35141 (full-time), 35231 (part-time)
*2003 ENTER: Individual offer*

This course prepares students for employment or self-employment in the rapidly changing cultural, technological and business environments. Students are able to extend their areas of study beyond the combinations of major and minor sequences required in single degree courses, giving students flexibility and expertise beyond the limits of a narrow vocational orientation. Major studies include: Accounting, Marketing, Economics, Economics/Finance, Human Resource Management, Management, eCulture and Media Studies, Psychology or Sociology.

For career opportunities, refer to the individual degree entries in this Course Guide.

**Customer Contact**
Certificate IV in Customer Contact incorporating a Certificate III

*Campus: Workplace training.*
*Duration: Two years full-time.*

*Prerequisite:* Basic computer skills and fluency in written and spoken English.

*Application:* Direct to Swinburne.

This course aims to develop highly skilled call centre operators who become the frontline staff for business and service industries.

Employment as call centre operators at the entry level with the potential to become supervisors or team leaders through additional training and study.

**eBusiness**
Advanced Diploma of eBusiness incorporating a Diploma and Certificate IV/III

*Campus: L, P*
*Duration: Two years full-time.*

*Prerequisite:* Successful completion of Year 12 or its equivalent, or mature age.

*Application:* VTAC or direct to Swinburne for mid-year intake.
*VTAC code:* 70171(L), 78161(P)

This course has been developed with extensive input from industry leaders to enable students to effectively use eCommerce in business environments. The course covers areas relating to computing, multimedia, communications, eCommerce, management, marketing, mathematics, statistics, law, and finance.

Graduates will be prepared for a rapidly expanding range of business careers in an eCommerce environment. There is also a Pathway to the Bachelor of Business (eCommerce) at Swinburne.

**eCommerce**
Bachelor of Business (eCommerce)

*Campus: L*
*Duration: Three years full-time.*

*VCE Prerequisite:* Units 3 and 4 – a study score of at least 25 in English (any).

*Application:* VTAC
*VTAC code:* 35241
*2004 Round 1 Clearly-In ENTER: 58.50*

This course reflects a need for new business models and strategies to better cope with the complexity, paradoxes and new ways of thinking for a globally networked business environment. It includes communication, management, business strategy, economics and finance, law, marketing, and multimedia.

Graduates are well equipped to find employment within the eCommerce environment in the public and private sectors including growth areas of supply chain, data and customer relationship management.

**Frontline Management**
Diploma of Frontline Management incorporating a Certificate IV/III

*Campus: Workplace training.*

*Prerequisite:* Participants need to be working in a supervisory/management position.

*Application:* Direct to Swinburne.

This program is for frontline managers and supervisors. It has been developed to enhance skills when dealing with: workplace change; the need to constantly learn new skills; and meeting the challenges of a competitive business world.

The Frontline Management Initiative is a nationally recognised management qualification, concentrating on transferable management competencies. Participants will be able to apply these skills to advance to more senior management positions.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.*
Human Resources

Advanced Diploma of Business (Human Resources) incorporating a Diploma and Certificate IV

Campus: H, L, W

Note: Diploma/Cert IV is offered full-time at Lilydale/Wantirna only. The Certificate IV is also offered via Distance Learning.

Duration: One year full-time (diploma) or three to four years part-time.

Prerequisite: Successful completion of Year 12 or its equivalent, or mature age.

Application: VTAC (full-time) or direct to Swinburne for part-time and Distance.

VTAC code: tba

The course aims to provide participants with the skills, knowledge and professional practices to enable them to perform duties related to human resource operation in private or public organisations.

Support staff and management positions in HR organisations or departments.

Human Resources

Bachelor of Business (Human Resource Management)

Campus: H

Duration: Three years full-time or equivalent part-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 34411 (full-time), 34701 (part-time)

2004 Round 1 Clearly-In ENTER: 83.30

This degree has been specifically designed for students who are seeking recognition by the Australian Human Resources Institute. It offers specialisation in the human resources field while developing sound general business knowledge and practical business skills.

Graduates may seek employment in human resources, training management, recruitment, quality coordination, customer service, administration.

International Business

Advanced Diploma of Business (International Business) incorporating a Diploma and Certificate IV

Campus: H

Duration: Two years full-time or equivalent part-time.

Prerequisite: Successful completion of Year 12 or its equivalent, or mature age with relevant industry experience.

Application: VTAC

VTAC code: 77221

This course focuses on the various strategies involved in moving into overseas markets and the methods utilised in engaging in overseas business. The Advanced Diploma offers participants the opportunity to apply practical managerial skills to business and commercial enterprises.

Operational, frontline, management positions in shipping and transport, public and private import/export organisations.

International Business

Bachelor of Business (International Business)

Campus: H

Duration: Three years full-time or equivalent part-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 34411 (full-time), 34701 (part-time)

2004 Round 1 Clearly-In ENTER: 83.30

This degree offers a specialisation in the international business field while developing sound general business knowledge and practical business skills.**

Graduates will find rewarding employment in international trade, government and non-government organisations, aid agencies, business management or business consultancy.

International Business/Italian

Bachelor of Business (International Business)/Bachelor of Arts (Italian)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 34651

2004 Round 1 Clearly-In ENTER: 83.30

This course offers the opportunity to undertake an international business specialisation while providing competence and fluency in the Italian language and an understanding of modern Italian culture including its social, political and economic aspects. In addition to its academic and practical skills, the course also opens up a myriad of international study and work opportunities upon which to build networks within Italy and Europe.**

Graduates may seek employment with Australian and international organisations especially those dealing with, or located in, Europe.

International Business/Japanese

Bachelor of Business (International Business)/Bachelor of Arts (Japanese)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 34801

2004 Round 1 Clearly-In ENTER: 80.95

This course offers the opportunity to undertake an international business specialisation while providing competence and fluency in the Japanese language and an understanding of associated areas including culture, social, political and economic aspects. In addition to its academic and practical skills, the course also opens up a myriad of international study and work opportunities upon which to build networks within Japan.**

Graduates may seek employment with Australian and international organisations especially those dealing with, or located in, Japan.

* An optional and additional year of Industry-Based Learning (IBL) may also be available.

** A mandatory overseas study component is a requirement of this course.
Legal Practice
Advanced Diploma of Business (Legal Practice)
Campus: H, W
Duration: Two years full-time.
Prerequisite: Successful completion of Year 12 or its equivalent, or mature age.
Application: VTAC
VTAC code: 77051(H), 71071(W)
This course provides essential qualifications for people wishing to work in the legal area without having to complete a law degree. Students develop sound principles, practices and knowledge including high level technology legal skills to provide guidance and services to clients in a legal environment.
Employment may be found as a law clerk, legal secretary, or in a paralegal position.

Library and Information Services
Diploma of Library and Information Services incorporating a Certificate III
Campus: P
Duration: Two years full-time or equivalent part-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. No formal entry requirements apply to the Certificate III. However, applicants should possess basic communication and keyboard skills, along with word processing and spreadsheet fundamentals.
Application: VTAC
VTAC code: 78801
The course aims to develop the specialist knowledge and skills required to manage practices within the library/information sector.
Employment can be found as library technicians and library officers in a wide range of library types and other information agencies.

Marketing
Advanced Diploma of Business (Marketing) incorporating a Diploma and Certificate IV/III
Campus: H, L
Duration: Two years full-time.
Prerequisite: Successful completion of Year 12 or its equivalent, or mature age.
Application: VTAC or direct to Swinburne for Certificate III and mid-year intake.
VTAC code: 77261(H), 70301(L)
This course introduces basic marketing concepts and selling skills while developing a sound basis in many general areas such as law, mathematics, computing and communications. At the Diploma level, specialised aspects of marketing are introduced such as sales merchandising, logistics and market research. The Advanced Diploma introduces and expands on specialised aspects of marketing such as strategic, services and direct marketing, product management and research.
Employment can be found in a range of positions in marketing and sales management.

**Studying part of her Bachelor of Business (Marketing) degree overseas gave Carlie Clingan the rare opportunity of meeting Prime Minister John Howard in Crete, and the experience of being in the US after September 11. Working as an intern for Caterpillar, a world-leading manufacturer of construction and mining equipment, during her IBL program, Carlie still remembers the strong patriotism of her American colleagues.**

“The day after the attack, American flag badges were left on everyone’s desk and when I left in December everyone was still wearing them.”

The memory is just one of many Carlie has of completing her IBL with Caterpillar, where she says she was given lots of autonomy.

“I majored in marketing and human resources so I helped devise training programs and manuals for employees as well as conduct market research for the company’s global division. Not once did I ever feel like the photocopy girl!”

The valuable work experience to be gained through IBL meant Carlie put Swinburne at the top of her course preference list.

“I knew Swinburne had a good reputation for its marketing courses, and offered IBL, which gives you meaningful, paid work experience that many other universities don’t.”

Apart from the IBL’s ‘real-world’ experience, Carlie says even theoretical subjects were taught in an innovative, practical way.

“Swinburne’s Organisation Behaviour subjects were the most memorable because as students we were in charge of our learning. It was like group therapy! Together we learnt not only how individuals work in different group situations, but also about ourselves. This was far better than learning theories from a textbook.”

As well as completing her IBL overseas, Carlie also took advantage of completing two subjects in the idyllic surrounds of Crete in Greece, a trip organised by Swinburne Education Abroad. “I made friends from all over the world – it was amazing.”

Currently working part-time for SED Consulting as a marketing assistant, Carlie admits the travel bug is still biting, and plans to go overseas in April and visit Europe, North and South America. She’s only too happy to encourage others to travel the globe and study at the same time.

“You’ve got nothing to lose. Travelling overseas opened my eyes to the wealth of opportunities that are out there.”
Marketing
Bachelor of Business/Advanced Diploma of Business (Marketing)
Campus: L
Duration: Four years full-time.*
Note: The first two years are predominately TAFE studies.
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 35171
2004 Round 1 Clearly-In ENTER: 64.65
This dual award course provides an opportunity for students to combine specific sales and marketing competencies with the theoretical knowledge, communications skills and an advanced understanding of integrated business methods required for sound management in all areas of modern business.
Public relations, advertising, product/brand management, market research, direct marketing, international marketing.

Marketing
Bachelor of Business (Marketing)
Campus: H
Duration: Three years full-time or equivalent part-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 34411 (full-time), 34701 (part-time)
2004 Round 1 Clearly-In ENTER: 83.30
This degree offers specialisation in the Marketing field while developing sound general business knowledge and practical business skills.
Graduates will find employment in public relations, advertising, product/brand management, market research, direct marketing, international marketing.

Public Relations
Advanced Diploma of Business (Public Relations)
Campus: P or Distance Learning
Duration: Two years full-time or equivalent part-time.
Prerequisite: Successful completion of Year 12 or its equivalent, or mature age.
Application: VTAC (full-time) or direct to Swinburne for part-time and Distance Learning.
VTAC code: 78101
This course provides students with the sound skills, practices and principles utilised in the public relations industry. It covers writing and editing skills, government structures and influences, research, marketing principles, marketing law, computer applications including multimedia, the Internet and desktop publishing, production techniques, consumer behaviour and fundraising.
Graduates may find employment as a senior public relations officer in a variety of organisations, large and small, including government departments and authorities at federal, state and local level, within the publications and media fields.

Real Estate
Certificate IV in Business (Estate Agency Practice)
Course in Real Estate for Agents’ Representatives
Campus: C, P or Distance Learning.
Duration: Courses are available on a full-time or part-time basis.
Prerequisite: There are no formal entry requirements.
Application: Direct to Swinburne.
The Course in Real Estate for Agents’ Representatives is the requirement for employment in the real estate industry. The Certificate IV is the academic requirement for application for a full real estate licence. At the time of publication, both course were under review. Contact the Information Hotline or visit CourseFinder for further information.

Small Business Management
Certificate IV in Business (Small Business Management)
Campus: C, H, L
Duration: One to two years part-time.
Prerequisite: There are no formal entry requirements.
Application: Direct to Swinburne.
This course considers the factors and skills required to start or run a successful small business. It also looks at the legal, marketing and financial implications of setting up a small business. The course is suitable for: people planning to set up a small business; anyone in the early stages of running a small business; small businesses ready to expand; department managers in a large business; or employees in a small business.
Opportunities in small business as an owner-operator or employee.

* An optional and additional year of Industry-Based Learning (IBL) may also be available.
Computing and Information Technology

**Computer Applications**

Certificate II in Information Technology (Applications)

**Campus:** C, H, HV, P, W

**Duration:** One year full-time or equivalent part-time.

**Note:** This course will be delivered subject to demand.

**Prerequisite:** Successful completion of an appropriate Victorian Year 10 or its equivalent, or mature age.

**Application:** Direct to Swinburne.

This course provides foundation skills in microcomputer software packages for word processing, spreadsheets, databases and desktop publishing to an advanced level. It is designed for those who use computer software packages in a business or at home.

The course is specifically designed for students wanting to continue their studies in information technology. Alternatively, students can seek entry-level employment in the information technology/sales and marketing technology industries.

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**Computer Science**

Advanced Diploma of Computer Science with streams in Multimedia, Instrumentation, and Software Development

**Campus:** H

**Duration:** Two years full-time.

**Prerequisite:** Successful completion of an appropriate Victorian Year 12 or its equivalent, with preference given to students with passes in Units 3 and 4 Mathematics and Physics. Mature-age applicants will be considered on a case-by-case basis.

**Application:** VTAC

**VTAC code:** 34431

This course focuses on applications involving multimedia, and on web-based systems, with an emphasis on the design of effective human-computer interfaces. A range of options in the final year of the course allows students to study advanced subjects in areas such as software engineering, computer networks, database, knowledge-based systems and human-computer interaction.

Graduates are usually employed in technical areas such as programming and systems analysis and design, internet systems development and they are well prepared for progression into project leadership and management positions as their experience develops.

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This course is specifically designed to introduce the participant to both the fundamental and advanced techniques applied to the computer scientific instrumentation and multimedia industry. The course has three exiting levels: the Certificate IV and Diploma levels are considered to be in the generic computer science/multimedia field while the Advanced Diploma is designed to allow the participant to concentrate on their designated field of either Multimedia Technology, Scientific Instrumentation or Software Development.

Employment can be found in a wide range of positions in technology based industries including data acquisition and control, network and systems management, programming, computer services and multimedia.

**Computer Science and Software Engineering**

Bachelor of Science (Computer Science and Software Engineering)

**Campus:** H

**Duration:** Three years full-time.*

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 25 in English (any) and in one of Mathematical Methods or Specialist Mathematics.

**Application:** VTAC

**VTAC code:** 77301

**2004 Round 1 Clearly-In ENTER:** 81.75

This course focuses on applications involving multimedia, and on web-based systems, with an emphasis on the design of effective human-computer interfaces. A range of options in the final year of the course allows students to study advanced subjects in areas such as software engineering, computer networks, database, knowledge-based systems and human-computer interaction.

Graduates are usually employed in technical areas such as programming and systems analysis and design, internet systems development and they are well prepared for progression into project leadership and management positions as their experience develops.

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*An optional and additional year of Industry-Based Learning (IBL) may also be available.*
Computing
Bachelor of Science (Computing)
Campus: H
Duration: Two years full-time.
Prerequisite: A TAFE diploma or equivalent qualification in an IT/computing discipline with an average score of at least 65%.
Application: VTAC
VTAC code: 34501
2004 Round 1 Clearly-In ENTER: Individual offer.
This conversion course provides an extensive study of computer systems and software development as well as programming, systems analysis and design, and software engineering methods.
Graduates can seek employment in computer programming, internet systems development, multimedia software development, systems analysis and design, database administration, computer network support.

Information Systems
Bachelor of Information Systems
Campus: H
Duration: Three years full-time.
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 34641
2004 Round 1 Clearly-In ENTER: 82.65
This course is designed for students wishing to pursue a career in the business application of Information Technology (IT) in specialities ranging from the management of IT to the design and development of computer based information systems. The course develops students’ analytical and problem solving skills enabling them to succeed in today’s rapidly changing technological environment.
Employment in areas such as systems analysis, project management, product support, software development, user liaison.

Information Systems/Business
Bachelor of Information Systems/Bachelor of Business
Campus: H
Duration: Four years full-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC full-time code: 34641
2004 Round 1 Clearly-In ENTER: 80.30
This double degree combines specialist studies in Information Systems with a full business degree leading to a choice of a generalist or specialist career in the use of information technology (IT) to solve business problems.
Information Systems specialisations in areas such as systems analysis, project management, product support, software development, user liaison. Combined with business specialisations including: Accounting, Business Law#, Economics#, Finance, Human Resource Management/ Organisation Behaviour, Manufacturing Management and Marketing.

# Available as a minor sequence only.
*An optional and additional year of Industry-Based Learning (IBL) may also be available.

After working as an analyst and assistant systems programmer for ten years, Richard Forster was keen for a job that offered more variety, making teaching the ideal choice.
“Working in the industry means that your focus tends to be narrower, but with teaching you can branch out and explore many different areas.”
“The most exciting thing about teaching IT is working with students on their major projects for external clients. I enjoy being involved in new technologies and teaching others how to take advantage of them.”
This enthusiasm and Richard’s diverse skills covering software development, multimedia, online education, programming, systems analysis and operating systems were rewarded with the Swinburne Excellent Teacher of the Year (TAFE) award.
“It’s always good to be recognised, but I think this award was more an acknowledgement of the outstanding work done by the entire Computing department. I am just part of a team.”

Richard Forster
IT Teacher
Information Technology

Certificate IV in Information Technology

Campus: H, P, W

Duration: Up to three years part-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application: Direct to Swinburne.

This course provides learners with high-level technical skills in operating systems, programming, networking and software applications, as well as familiarity with computer hardware, web page production and communications.

Employment in client support, network administration and network management or software development as a trainee programmer or a member of a programming team.

Information Technology – Scholarship Program

Bachelor of Information Technology

Campus: H

Duration: Three years full-time.

VCE Prerequisite: Units 3 and 4 – A study score of at least 25 in English (any) and Mathematics (any).

Application: VTAC. Applicants must also lodge a BIT Application for Interview and Admission Form.

VTAC code: 3431

2004 Round 1 Clearly-In ENTER: Individual offer.

Students gain ‘state-of-the-art’ skills in analysis, design, programming and implementation of systems plus the management skills necessary to apply information technology in the modern business world.

The course has been developed in cooperation with industry. It is a fast-track program (students complete a full four-year degree in three years) with all students being granted a scholarship of approximately $9800 per year, funded by sponsoring organisations. All students spend a total of 40 weeks (2 x 20 week periods) working in industry (Industry-Based Learning).

Graduates may find employment as a software developer, systems analyst, project manager, production manager, programmer, client service network consultant or network coordinator.

Information Technology – Beginners

Certificate I in Information Technology

Campus: C, L, P, W

Duration: Up to one year part-time.

Prerequisite: Access to a computer capable of running MS Office 2000 Suite, access to the Internet and the World Wide Web.

Application: Direct to Swinburne.

This introductory course has been designed especially for those who require a basic knowledge of the Microsoft Office products. It provides training in word processing, spreadsheets, databases, PowerPoint and using the Internet.

This course provides prerequisite skills for students wanting to continue their studies in information technology.

Olivia Swinney has always enjoyed working with computers and during high school she decided Information Technology was the career path she wanted to follow.

When she was looking for a suitable university course she visited Swinburne Lilydale and immediately fell in love with the campus. “The setting was so beautiful and I liked the peace and tranquility the campus offered,” she said.

Olivia has enjoyed the diversity her IT course has offered. “I believe the skills I am acquiring in a range of areas including web design, multimedia and programming will broaden my employment opportunities,” she said.

One aspect of the course Olivia believes is invaluable is the Work Integrated Learning Project where students work as individuals or part of a team on a business project. She is part of a team of three students working with a cleaning company in Dandenong to introduce information technology to the company.

“The company has 100 employees and only uses information technology for accounting purposes. As a group we are introducing and integrating a web page to minimise the company’s paperwork, and also to promote its services,” Olivia said.

Not only has the project given the team members the opportunity to test their IT skills, but they are also learning about liaising with clients and meeting their needs.

Olivia is keen to work in web design, but is confident that the broad base of skills she has acquired in her Swinburne course will stand her in good stead in the IT industry.
Information Technology and Software Engineering

Bachelor of Technology (Information Technology and Software Engineering)

Campus: L

Duration: Three years full-time or equivalent part-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Application: VTAC

VTAC code: 35271 (full-time), 35301 (part-time)

2004 Round 1 Clearly-In ENTER: 58.05

The course incorporates ‘state-of-the-art’ skills in information technology and software engineering, as well as a balance of existing approaches, which are necessary to apply technology and telecommunications in the modern organisational environment.

Employment in systems analysis and design, database development, system administration, programming, project leadership and management positions.

Network Engineering

Diploma of Information Technology (Network Engineering)

Campus: H, L, W

Duration: Two years full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application: VTAC

VTAC code: 77071(H), 70051(L), 71051(W)

This course provides the skills needed to work in network engineering and network management. It provides training in a range of relevant skill areas including the selection, installation and management of computer networks, as well as providing general client support.

Employment in network administration, management or engineering, or in client support. Alternatively, students are well prepared to continue to degree studies in relevant areas of computing.

Software Applications

Certificate III in Information Technology (Software Applications)

Campus: C, L, W

Duration: One semester full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application: Direct to Swinburne.

This course aims to provide skills in the advanced use of computer applications. It is a practical program in computing applications, business operations and concepts.

Graduates may seek entry level employment in a broad range of information technology areas including client support, IT sales and marketing, and help desk vocations. Alternatively, they may progress to the Certificate IV in Information Technology.

Software Development

Diploma of Information Technology (Software Development)

Campus: L, P, W

Duration: Two years full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application: VTAC

VTAC code: 70081(L), 78131(P), 71061(W)

This course provides students with software development skills: program design, code development, systems analysis and design, project management and client interaction.

Employment in software development. Alternatively, students will be well prepared to continue on to degree studies in computing and information technology.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
Being the only girl in a high school class of 23 males studying information technology made Cassie Burke somewhat of a novelty. The perception that IT was boring and too mathematical led Cassie to try a variety of careers before completing the Diploma of Information Technology (Network Engineering).

“When I first studied IT about ten years ago, females were generally not encouraged in the field, so it wasn’t my first study choice, although I was good at it.”

“Even when I worked in bookkeeping I was more interested in the IT side of a company. I was constantly asking questions about the computer networks. After solving a few technical problems, I decided to give IT a go.”

Swinburne’s Diploma of IT (Network Engineering) was the best option for Cassie, who wanted to keep working while she studied. She enjoyed the practical nature of the course, which covered the selection, installation and management of computer networks, as well as general client support.

“One of our subjects, Systems Analysis and Design, was especially relevant as we worked in groups to tackle case scenarios where we designed a network to specific client requirements. I was the project manager so the experience I gained was invaluable.”

While studying, Cassie landed her first IT job as a technician for Swinburne TAFE IT Services, which brought her to the attention of Swinburne’s National Centre for Gender and Cultural Diversity (NCGCD), who awarded Cassie with a runner-up placing in its annual Non Traditional Woman of the Year awards Vocational Training category.

“I guess being one of six females in my course made me stand out. It was very flattering,” Cassie said. Most importantly for Cassie, the award led to a chance to inspire other females to work in traditionally male dominated areas, as a visiting speaker in secondary schools.

Cassie’s ultimate goal is to manage a complex computer network for an organisation while using her skills to adapt to and manage technological change. She also hopes to see more females in IT.

“I’d really encourage girls to aspire to study non-traditional areas like IT. Just jump in the deep end, and you will swim.”
**Design**

**Communication Design**
Bachelor of Design (Communication Design)
Campus: P
Duration: Three years full-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Note: Applicants are advised to undertake an art-related study such as art or visual communication and design in Units 3 and 4 to assist in the development of a folio.
Application: VTAC. In addition selection will involve a written application, folio appraisal and interview.
VTAC code: 36101
2004 Round 1 Clearly-In ENTER: Individual offer.
The Communication Design program aims to produce imaginative designers, who work effectively in areas where information is primarily conveyed by visual means – such as advertising, publishing, publicity, printing, merchandising, multimedia, and research.
Employment may be found in design consultancy, advertising, publishing, merchandising, government instrumentalities.

**Film and Television**
Bachelor of Film and Television
Campus: P
Duration: Three years full-time or equivalent part-time.
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 36321
2004 Round 1 Clearly-In ENTER: Individual offer.
This course provides comprehensive education for digital outcomes in broadcast film and video post-production, computer/video game development and mobile network telecommunications – particularly in relation to advanced production skills, creative direction and project management.

**Graphic Art**
Diploma of Arts (Graphic Art)
Campus: P
Duration: Two years full-time.
Prerequisite: Entry to this course is post-VCE. However, it is expected that applicants will have completed further design study or are mature age. All applicants are required to present a folio of work at interview.
Application: VTAC and direct to Swinburne (both are required).
VTAC code: 78111
This course prepares students to execute design concepts efficiently and economically and to be capable of using traditional media and computer technology to assemble ‘camera-ready’ and digital artwork with the necessary understanding of graphic reproduction techniques.
Employment as a graphic artist in advertising agencies, graphic design and finished art studios, publishing companies, large corporations, printing companies, film and television production houses, educational institutions and government departments.

**Graphic Design**
Certificate IV in Arts (Applied Design)
Campus: L, P, W
Duration: One year full-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All applicants are required to present a folio of work at interview.
Application: VTAC and direct to Swinburne (both are required).
VTAC code: 70131(L), 78011(P), 71011(W)
This course provides preparatory training in graphic design enabling students to apply for further design studies in TAFE or Higher Education.
At the Prahran campus (only), students who complete the Certificate IV plus an Enhancement Program (at an appropriate level) are given direct entry into Year 2 of the Bachelor of Design (Communication Design) at Swinburne’s National Institute of Design.
Students who complete the Certificate at Lilydale and Wantirna campuses, will get a direct interview with the National Institute of Design. No pre-selection process is necessary.

*An optional year of Industry-Based Learning (IBL) may also be available.*
Before undertaking a Bachelor of Design (Communication Design) at Swinburne’s renowned National Institute of Design, Tina Yee already had experience in advertising and graphic design working for agencies in Singapore, but after researching course options, it was clear that Swinburne would provide her with superior training.

“I really did a lot of research before picking a course, and considered courses from around the world. Australia was close to Singapore, but I chose Swinburne’s Bachelor of Design because it offered very sound curriculum and practical training."

“The best part of the course was that it taught me how to think conceptually, which is very important for designers.”

Tina believes her training contributed to her winning a prestigious Design Institute of Australia Student Design Award in the Graphic Design/Exhibition category, with her classmate Pearl Hsu. Together they designed an exhibition design concept, for the Marc Newson Exhibition at the Powerhouse Museum in Sydney.

“We were so happy to win, but we weren’t expecting it. We did a lot of research before we even touched a pencil. We studied all about Marc Newson and his work to come up with a concept that is true to the playful, contemporary nature of his work.”

Along with the award, Tina also received ten weeks work experience with Sydney’s Powerhouse Museum and leading design consultancy Desmond Freeman Associates.

“It was a fantastic experience. At the museum I was able to work on projects as different as the corporate style brochure and the Star Wars exhibition concept. It was really good to see first-hand how work is done in the industry, and it directly related to projects we worked on at Swinburne.”

After graduating with honours, Tina easily found work with Paramount Design as a graphic designer.

“My job at Paramount is very diverse and it’s giving me a good solid basis for future study and employment, as well as industry contacts.”

*An optional and additional year of Industry-Based Learning (IBL) may also be available.*
**Multimedia Design**

Bachelor of Design (Multimedia Design)

Campus: P

Duration: Three years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).

Note: Applicants are advised to undertake an art-related study such as art or visual communication and design in Units 3 and 4 to assist in the development of a folio. It would also be an advantage to undertake two units from Mathematics (any), Physics, Information Technology, or Design and Technology.

Application: VTAC. In addition selection will involve a written application, folio appraisal and interview.

VTAC code: 36001

2004 Round 1 Clearly-In ENTER: Individual offer.

This course prepares students to work with design for digital film production, the world wide web and computer interactive media. The study of time-based sequence design provides students with expertise in animation, 3D modelling, digital video, audio media, and communication design for electronic media.

Graduates may find work in design consultancies, information technology companies, media and entertainment studios, advertising agencies and government instrumentalities.

**Product Design**

Certificate IV in Arts (Applied Design)

Campus: W

Duration: One year full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All applicants are required to present a folio of work at interview.

Application: VTAC and direct to Swinburne (both are required).

VTAC code: 71011

This course provides preparatory training in product design enabling students to apply for further industrial design studies in Higher Education.

Successful completion of the course may allow Pathways to one of Swinburne’s degree programs.

*An optional year of Industry-Based Learning (IBL) may also be available.

**Product Design Engineering**

Bachelor of Engineering (Product Design Engineering)

Campus: H/P

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), a study score of at least 20 in Mathematical Methods and in one of Biology, Chemistry, Information Technology; Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC. In addition, selection will involve a written application, folio appraisal and interview.

VTAC code: 34121

2004 Round 1 Clearly-In ENTER: Individual offer.

This course is a combination of two traditionally separate fields each with its own strength. Engineering with its scientific material and manufacturing knowledge and Industrial Design with its human-centred approach have been brought together to produce graduates who will develop competitive products in both quality and design for Australian industry.

Graduates will find employment in industries dealing in the design, development and manufacture of domestic products or the automobile industry. Their role will be primarily in the area of design, innovation, project management and manufacturing.
Air Transportation Management

Bachelor of Technology (Air Transportation Management)

Campus: H

Duration: Three years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and a study score of at least 20 in Mathematical Methods, and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34421

2004 Round 1 Clearly-In ENTER: Individual offer.

This course aims to provide graduates with the necessary training to pursue non-flying professional careers in the airline and airport industries. Employment may be found in the areas of airline management, airline flight operations, airline ground operations, airport management, airport operations, airport planning, aviation consultancy firms, aviation charter firms, air services, aviation regulatory and safety services, aviation safety authorities.

Air Transportation Management/Business

Bachelor of Technology (Air Transportation Management)/Bachelor of Business

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and a study score of at least 20 in Mathematical Methods, and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34421

2004 Round 1 Clearly-In ENTER: Individual offer.

The aim of this course is to prepare students for professional careers in the air transportation industry. The additional business studies aim to expand the range of employment opportunities into management areas. Refer to page 22 for Business major/minors.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.

Automotive (Mechanical – Light Vehicle)

Certificate III in Automotive – Apprenticeship
Certificate II in Automotive – Pre-Apprenticeship

Campus: L, W

Duration: Certificate III: Three years part-time.
Certificate II: Six months full-time.

Prerequisite: Satisfactory completion of an appropriate Victorian Year 10 or its equivalent, or mature age. Certificate III applicants must be at least 15 years of age and apprenticed to an employer.

Application: Direct to Swinburne.

The Certificate III provides off-the-job training for motor mechanic apprentices, including how to repair all major vehicle components and being able to find and correct faults in cars, light trucks and 4 wheel drive vehicles.

The Certificate II aims to provide fundamental skills and knowledge for anybody seeking employment as an apprentice in the automotive industry.

Employment in the automotive industry.

Automotive (Repair, Service and Retail)

Certificate IV in Automotive

Campus: W

Duration: Two years part-time.

Prerequisite: Successful completion of an automotive trade certificate or equivalent.

Application: Direct to Swinburne.

This course aims to provide training at an advanced skill in the automotive industry.

Employment as an advanced skill tradesperson, automotive technician.
Diploma of Technology (Aviation) incorporating a Certificate IV

Campus: H and Moorabbin Airport

Duration: Eighteen months full-time.

VCE Prerequisite: Units 3 and 4 – English (any) and Units 1 and 2 – General Mathematics.

Application: VTAC. In addition, applicants must submit an application form and attend an interview. Civil Aviation Safety Authority medical requirements and flying fees apply.

VTAC code: 77032

The overall objective of the course is to prepare students with the knowledge and skills required for entry to the industry as either light charter pilots or flying instructors, where they may then accrue the further flying experience necessary for entry into the larger airlines.

Professional careers in the aviation industry as aeronautical pilots, particularly those with aspirations for a career with regional and major airlines. Successful completion of the course may also allow pathways to Swinburne’s Bachelor of Technology (Aviation).

Bachelor of Technology (Aviation)

Campus: H

Duration: Three years full-time.

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and a study score of at least 20 in Mathematical Methods, and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC. In addition, applicants must submit an application form and attend an interview. Civil Aviation Safety Authority medical requirements and flying fees apply.

VTAC code: 34511

2004 Round 1 Clearly-In ENTER: Individual offer.

This degree prepares students for careers in the air transportation industry as professional pilots. The course incorporates the theory subjects required by the Australian Civil Aviation Safety Authority (CASA) up to Air Transport Pilot Licence (ATPL) standard.

Employment as a professional pilot in areas including airlines, flying instruction, charter work, police, air traffic control.

Bachelor of Technology (Aviation)/Bachelor of Business

Campus: H

Duration: Four years full-time.

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and a study score of at least 20 in Mathematical Methods, and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC. In addition, applicants must submit an application form and attend an interview. Civil Aviation Safety Authority medical requirements and flying fees apply.

VTAC code: 34511

2003 ENTER: Individual offer.

This course allows specialisation in aviation, encompassing management, human factors and technology as well as commercial flying training. Business studies are undertaken with core subjects, a management major and a choice of minor subjects. Refer to page 22 for Business major/minors.

Employment as a professional pilot in areas including airlines, flying instruction, charter work, police, air traffic control.

Bachelor of Engineering (Biomedical Engineering)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any) and Mathematical Methods.

Application: VTAC

VTAC code: 34681

2004 Round 1 Clearly-In ENTER: 82.45

This degree maximises a student’s career choices through a combination of the study of the physical aspects of human physiology and the related technologies for clinical care and biomedical monitoring.

Graduates may work in biomedical areas of either the public sector, for example in hospitals, or in the health industry. Alternatively graduates may choose to work as an electrical engineer.

Bachelor of Engineering (Civil Engineering)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), a study score of at least 20 in Mathematical Methods and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34691

2004 Round 1 Clearly-In ENTER: 80.10

Civil engineering deals with the design, construction, and improvement of the built environment. Civil engineers provide the technical expertise and management skills to plan, design, construct and maintain such facilities as buildings, bridges, dams, water supply systems, waste treatment systems, road and rail networks, air and sea ports.

Civil engineers work as planners, designers, construction managers, administrators, investigation and research engineers and consultants. They work for public authorities, municipalities, consulting firms and industry, or are self-employed.

VTAC. In addition, applicants must submit an application form and attend an interview. Civil Aviation Safety Authority medical requirements and flying fees apply.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
Civil Engineering/Business

Bachelor of Engineering (Civil Engineering)/Bachelor of Business

Campus: H

Duration: Five years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), a study score of at least 20 in Mathematical Methods and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34691

2004 Round 1 Clearly-In ENTER: 80.10

This course is designed to increase student knowledge, skills and understanding of civil engineering principles and a fundamental knowledge of business studies. Typically business studies commence in the third year of the program. Refer to page 22 for Business major/minors.

The business studies provide graduates with enhanced employment opportunities in all areas of civil engineering.

Computer Systems Engineering

Advanced Diploma of Computer Systems Engineering

Campus: H, W

Duration: Two years full-time or equivalent part-time.

VCE Prerequisite: Units 1 and 2 or Units 3 and 4 – Mathematics (any).

Application: VTAC (full-time) or direct to Swinburne for part-time.

VTAC code: 77341(H), 70011(W)

This course is designed to provide a sound background and application of hardware and software components of modern computing systems including network technologies.

Employment as a technical officer who manages, controls or liaises in the areas of design, manufacture, analysis, supervision or engineering. Other opportunities include a systems manager or support officer for computer systems. It may also provide a Pathway to one of Swinburne’s degree programs.

Electrical

Certificate IV in Electrical

Campus: W

Duration: Up to four years part-time.

Prerequisite: Successful completion of an electrical trade certificate or equivalent.

Application: Direct to Swinburne.

This course provides post-trade study for persons seeking a career in electrical, electronics and allied industries. All the subjects required to complete the Certificate IV are not offered. Subjects offered include: Advanced PLC’s, SCADA System, PLC Systems Applications, Basic PLC’s, Programmable Controllers.

Electronics and Computer Systems

Bachelor of Engineering (Electronics and Computer Systems)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), Mathematical Methods and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34591

2004 Round 1 Clearly-In ENTER: 80.55

This course provides professional career opportunities in a range of dynamic high-technology areas including the overlapping fields of computer hardware and software, telecommunications, electronics and electrical systems.

Employment in the areas of microprocessor applications, telecommunications, analog and digital electronics design, systems modelling and control, and chip design.

Electronics and Computer Systems/Business

Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Business

Campus: H

Duration: Five years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), Mathematical Methods and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34591

2004 Round 1 Clearly-In ENTER: 80.55

This double degree maximises a student’s career choices through the study of engineering and business subjects. Students complete the first year of the standard Bachelor of Engineering degree. In second year they commence the Electronics and Computer Systems stream. Business studies commence in the third year of the program. Refer to page 22 for Business major/minors.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
Electronics and Computer Systems/Computer Science and Software Engineering

Bachelor of Engineering (Electronics and Computer Systems)/Bachelor of Science (Computer Science and Software Engineering)

Campus: H

Duration: Five years full-time. *

VCE prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), Mathematical Methods, and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34591

2004 Round 1 Clearly-In ENTER: 80.55

This double degree program aims to develop design expertise in electronics, computer systems and software engineering.

Career opportunities include microprocessor applications, telecommunications, analog and digital electronics design, systems modelling and control, and chip design.

Electronics Engineering

Advanced Diploma of Electronics Engineering

Campus: H, W

Duration: Two years full-time or equivalent part-time.

VCE Prerequisite: Units 1 and 2 or Units 3 and 4 – Mathematics (any).

Application: VTAC (full-time) or direct to Swinburne for part-time.

VTAC code: 77431(H), 70431(W)

This course gives students a broad background in electronics, with an emphasis on digital technology and the application of microprocessors-controlled circuitry, communications and analogue electronics.

Employment as a technical officer who performs planning, design, analysis, supervision or engineering liaison. It may also provide a Pathway to one of Swinburne’s degree programs.

Electrotechnology – Systems Electrician

Certificate III in Electrotechnology – Apprenticeship

Certificate I in Electrical – Pre-Apprenticeship

Campus: H, W

Duration: Cert III: Three years part-time.
Cert I: Six months full-time.

Prerequisite: Satisfactory completion of an appropriate Victorian Year 11 preferred or its equivalent, or mature age. Certificate III applicants must be at least 15 years of age and apprenticed to an employer.

Application: Direct to Swinburne.

This course provides students with the necessary skills and knowledge to work at trade level within the electrical industry.

Employment as technicians capable of performing a range of complex functions without direct supervision, or further study in the Certificate IV Electrical.

Engineering Technology (Post Trade)

Certificate IV in Engineering Technology with streams in CNC Machining/Press Toolmaking (H)/Maintenance Fluid Power (W)

Campus: H, W

Duration: Two years part-time.

Prerequisite: Successful completion of a fitting and machining trade certificate or equivalent.

Application: Direct to Swinburne.

Students who have already completed an apprenticeship course will develop a higher level of ability in the theoretical/practical side of the selected stream which will enable them to enter more highly skilled positions of responsibility in a wide variety of manufacturing industries.

Employment in the mechanical post trade area equating to a C7 classification under the Metal Industry Award Restructure and Training program.

Fabrication Trade – see ‘Welding’

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
Fire Technology

Diploma of Fire Technology incorporating a Certificate IV

Campus: H

Duration: Two years full-time or equivalent part-time.

Prerequisite: There are no formal prerequisites.

Application: VTAC (full-time) or direct to Swinburne for part-time.

VTAC code: 77631

This course is designed to develop technical skills and knowledge and to train practitioners and designers to work with engineers and related professionals in the development, commissioning, monitoring and assessment of fire safety systems, practices and products and investigation of fire emergency incidents.

Employment as practitioners in fire safety, insurance, essential services and systems design.

Mechanical Engineering

Bachelor of Engineering (Mechanical Engineering)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), a study score of at least 20 in Mathematical Methods and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34611

2004 Round 1 Clearly-In ENTER: 80.65

Mechanical engineering deals with the design, manufacture and maintenance of machine components and systems from small domestic products to highly complex vehicle and aerospace systems.

Employment may be found in many areas of industry and commerce including: automotive, vehicle, transport, power, manufacturing, materials processing, appliance production, mechanical building services, mining and raw material conversion.

Working as a motor mechanic for five years, Ben Shute knew all there was to know about cars, but he was looking for a formal qualification so he headed to Swinburne TAFE to complete a Diploma of Engineering before transferring to the Bachelor of Engineering (Mechanical Engineering) course.

“I wanted to get into engineering, so I thought a diploma was the best option. My marks were really good, so I was able to transfer to the degree, which was another advantage.”

“I really liked the fact that the degree emphasised teamwork in most of the subjects, and there was also a strong practical focus.”

A highlight of the course for Ben was having the chance to supervise 23 of his fellow classmates while creating a racing car for entry in the prestigious Society of Automotive Engineers (SAE) competition. The competition gives students a chance to create their own racing team while designing and manufacturing their own racing car in line with technical specifications from the SAE.

“The project was just as much about group work as it was about engineering. It was run like a company so it was great experience. I had to keep everybody focused on deadlines, keeping within budget as well as marketing the car and getting as much sponsorship as possible.”

Ben and his team’s hard work paid off with Full Boar Racing coming fourth Australia-wide, and for the third consecutive year finishing as the leading Victorian university. The team were also finalists in the design category.

“It was a fantastic result and we were really happy with our effort. We spent a lot of time on the concept before we even picked up a tool, so it was great that was acknowledged.”

Now that the race is finally over, Ben is working for Holden’s worldwide purchasing and logistics division.

“It’s a great job and a great start in the field, it gives me a chance to use my business and problem solving skills in an industry that I love.”

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**Mechanical Engineering/Business**

Bachelor of Engineering (Mechanical)/Bachelor of Business

Campus: H

Duration: Five years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), a study score of at least 20 in Mathematical Methods and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34611

2004 Round 1 Clearly-In ENTER: 80.65

This course is designed to increase student knowledge, skills and understanding of mechanical engineering principles and fundamental knowledge of business studies. Typically business studies commence in the third year of the program. Refer to page 22 for Business major/minors.

The business studies provide graduates with enhanced employment opportunities in all areas of mechanical engineering.

**Mechanical/Manufacturing/CAD Engineering**

Advanced Diploma of Engineering Technology incorporating a Diploma

Campus: H

Duration: Two years full-time or equivalent part-time.

VCE Prerequisite: Units 1 and 2 – Mathematical Methods or Units 3 and 4 – Mathematics (any), or completion of a mechanical or fabrication trade certificate, or mature age.

Application: VTAC (full-time) or direct to Swinburne for part-time.

VTAC code: 77441

This course aims to equip students with the knowledge and skills required for a career in manufacturing and mechanical engineering.

Employment opportunities include: production supervisor, production planner, production controller, tool design, drafting technician, estimator, plant and equipment sales agent. CAD graduates are qualified for positions such as design drafts persons, project engineer, contracts engineer, sales engineer technical officer.

**Mechanical Trade**

Certificate III in Engineering – Apprenticeship

Certificate II in Engineering Production – Pre-Apprenticeship

Campus: H, W

Duration: Cert III: Three years part-time.

Certificate II: Six months full-time.

Prerequisite: Satisfactory completion of an appropriate Victorian Year 10 or its equivalent, or mature age. Certificate III applicants must be at least 15 years of age and apprenticed to an employer.

Application: Direct to Swinburne.

This course provides students with the necessary skills and knowledge to work at trade levels within the metal trades industry.

Employment in industries such as manufacturing, maintenance, repairs, jobbing and general engineering. It also allows entry into Engineering (Post Trade), Certificate IV and Diploma of Engineering courses.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.

**Photonics**

Bachelor of Science (Photonics)

Campus: H

Duration: Three years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and Mathematical Methods.

Application: VTAC

VTAC code: 34011

2004 Round 1 Clearly-In ENTER: 82.10

Photonics involves the control, transfer and storage of information using light, and it will play a major role in current and future generations of telecommunications and information systems. The course provides an in-depth understanding of photonics (light, lasers, optics, optoelectronics) and its application in the telecommunications industry.

Professional careers in the expanding field of photonics, fibre optics and lasers, especially for research and development in the telecommunications or medical industries.

**Photonics/Telecommunications and Internet Technologies**

Bachelor of Science (Photonics)/Bachelor of Engineering (Telecommunications and Internet Technologies)

Campus: H

Duration: Five years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and Mathematical Methods.

Application: VTAC

VTAC code: 34011

2004 Round 1 Clearly-In ENTER: 82.10

This double degree maximises a student’s career choices through a combination of photonics (light, lasers, optics, optoelectronics) and telecommunications (local and global digital networking, mobile and fibre optics communications).

Professional careers in the converging telecommunications and internet industries, or research and development photonics-based research.
Product Design Engineering

Bachelor of Engineering (Product Design Engineering)

Campus: H/P

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), a study score of at least 20 in Mathematical Methods and in one of Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics, and/or Design and Technology or Visual Communication and Design.

Application: VTAC. In addition, selection will involve a written application, folio appraisal and interview.

VTAC code: 34121

2004 Round 1 Clearly-In ENTER: Individual offer.

This course is a combination of two traditionally separate fields each with its own strength. Engineering with its scientific material and manufacturing knowledge and Industrial Design with its human-centred approach have been brought together to produce graduates who will develop competitive products in both quality and design for Australian industry.

Graduates will find employment in industries dealing in the design, development and manufacture of domestic products or the automobile industry. Their role will be primarily in the area of design, innovation, project management and manufacturing.

Renewable Energy Technology

Diploma of Electrotechnology (Renewable Energy) incorporating a Certificate IV

Campus: H

Duration: Two years full-time or equivalent part-time.

Prerequisite: Units 1 and 2 – Mathematics (any), or mature age.

Application: VTAC (Semester 1 full-time) or direct to Swinburne for part-time or mid-year intake.

VTAC code: 77041

This course covers the principles for operation of renewable energy systems such as indirect solar for heating of buildings and heat storage, radiant solar energy used for solar hot water, solar space heating and photovoltaic electricity, wind energy, micro-hydro systems, solar biological energy, and the use and re-use of plant animal material to generate energy.

Employment opportunities include operation of small business in renewable energy – sales, design systems and installation; management of renewable energy organisations; consultancy to local government and large enterprises regarding energy auditing and management and larger scale, more complex, renewable systems.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.

With a talent for both art and mathematics, Peter Hvala found Swinburne’s Bachelor of Engineering (Product Design Engineering) course an ideal choice. As part of his final year project, Peter created a communications glove that will enable deafblind people to communicate with people from around the world. Peter explained he got the idea for creating the glove while watching television.

“A documentary showed how deafblind people use tactile finger-spelling by spelling out words in each other’s palms. The problem was that if they let go of each other’s hands, they could no longer communicate. It made sense to create a device that could emulate that second person.”

So Peter designed the Tacticom-Alpha glove, embedding it with actuators at different pressure points, signifying letters and words. This enables deafblind people wearing the glove to send and receive messages over a wireless digital network.

“Current wireless protocols will enable deafblind people to spell out words on their glove, then send these as messages to another person wearing the glove, or to any other form of compatible digital communications interface. Likewise, people who aren’t deafblind can easily send a text message and have it converted into the tactile fingerspell language by the glove.”

Peter said the project, which will potentially revolutionise the way deafblind communicate with each other and the world, was a highlight of his time at Swinburne.

“I worked on the project for a whole year and it really sharpened my research skills. It also instilled a great appreciation for all aspects of product design and development including component engineering, ergonomics, marketing and presentation techniques.

The course itself was very valuable because of its creative focus. There was equal emphasis on creative subjects like model making as there was on physics and maths. The course is unique to Swinburne, which is why I came here.”

Now that he has completed the degree, Peter is hoping to spend more time developing the glove and pursuing a professional career as a product designer.
Research and Development/ Electronics and Computer Systems

Bachelor of Science (Research and Development) / Bachelor of Engineering (Electronics and Computer Systems)

Note: Also known as the Vice-Chancellor's Scholarship program.

Campus: H

Duration: Five years full-time.

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), Mathematical Methods and one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34531

2004 Round 1 Clearly-In ENTER: 95.50

This program is offered exclusively to Vice-Chancellor’s Scholarship holders. As well as having the objectives of the Bachelor of Engineering in Electronics and Computer Systems, it aims to prepare highly capable students for careers in research and development laboratories by participation in research projects with leading research groups at Swinburne.

Professional employment in research and development laboratories and careers in engineering and science.

Robotics and Mechatronics

Advanced Diploma of Engineering Technology incorporating a Diploma

Campus: H

Duration: Two years full-time or equivalent part-time.

VCE Prerequisite: Units 1 and 2 – Mathematics or completion of a mechanical or fabrication trade certificate, or mature age.

Application: VTAC (full-time) or direct to Swinburne for part-time.

VTAC code: 77101

This course equips students with the knowledge and skills required for a career in electronic and mechanical engineering. This includes the design and manufacture of equipment utilising electronic and mechanical systems.

Wherever complex machines are designed and produced, there is a growing need for mechatronics, but especially in the areas such as: automobiles, ships, aerospace systems, pnuematic, hydraulic and electrical controls and drives, robotics, automated production systems, consumer goods, food processing, petrochemicals and chemicals systems.

Robots and Mechatronics

Bachelor of Engineering (Robotics and Mechatronics)

Campus: H

Duration: Four years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), a study score of at least 20 in Mathematical Methods and in one of Biology, Chemistry, Information Technology: Information Systems, Physics, Psychology or Specialist Mathematics.

Application: VTAC

VTAC code: 34581

2004 Round 1 Clearly-In ENTER: 83.00

This course brings together the complementary disciplines of Robotics and Mechatronics which are founded in the engineering sciences of mathematics and mechanical/electronic engineering. It also addresses management issues including technology management, accounting and law. The course includes the study of bionics and micro-machines which have a significant influence on the design of mechatronic systems for an increasing range of applications.

Employment can be sought in industries such as robotics, airlines, chemical industries, automotive, appliance manufacturing and industrial research; in a variety of roles including design engineer, project planner, product designer and project manager.

Robotics and Mechatronics/Computer Science and Software Engineering

Bachelor of Engineering (Robotics and Mechatronics)/Bachelor of Science (Computer Science and Software Engineering)

Campus: H

Duration: Five years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), Mathematical Methods and in one of Biology, Chemistry, Physics, Psychology, Information Technology: Information Systems or Specialist Mathematics.

Application: VTAC

VTAC code: 34991

2004 Round 1 Clearly-In ENTER: 90.85

This course provides a major focus on the application of advanced computing techniques on the design and operation of robotic and mechatronic systems. It combines mechanical engineering, electrical engineering and electronic and software engineering in the design, development and control of diverse systems used in a range of industries including manufacturing, medicine and the service industries.

Careers in a wide spectrum of industries including robotics, aerospace, chemical, defence, automotive and manufacturing where complex software plays a major role, as well as in businesses that require extensive computer support, such as banking and commerce.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**Telecommunications and Internet Technologies**

Bachelor of Engineering (Telecommunications and Internet Technologies)

*Campus: H*

*Duration: Four years full-time.*

*VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and in one of Mathematical Methods or Specialist Mathematics.*

*Application: VTAC*

VTAC code: 34201

2004 Round 1 Clearly-In ENTER: 80.30

This course provides an in-depth understanding of the technology of the Internet and the international telecommunications industry. It covers the Internet, local and global digital networking and mobile communication systems for tomorrow’s broadband interactive information highways.

Graduates will find rewarding high-tech careers in the converging telecommunications, multimedia, computing, and internet ‘information technology’ industries. They may become an internet applications engineer, a telecommunications link designer, an embedded computing systems designer, an embedded software systems designer, a network switching and protocol designer, an analyst/designer/manager of internal corporate multimedia networks, or a network administrator/web-master.

**Telecommunications and Internet Technologies/Computer Science and Software Engineering**

Bachelor of Engineering (Telecommunications and Internet Technologies)/Bachelor of Science (Computer Science and Software Engineering)

*Campus: H*

*Duration: Five years full-time.*

*VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and Mathematical Methods or Specialist Mathematics.*

*Application: VTAC*

VTAC code: 34791

2004 Round 1 Clearly-In ENTER: 82.95

This course provides education for professional careers in the converging telecommunications, internet and information industries. It has a major focus on the application of computers, computer networking and software engineering in the internet/telecommunications field.

Graduates will find rewarding high-tech careers in the converging telecommunications, internet, information and software engineering industries.

**Vice-Chancellor’s Scholarship**

Vice-Chancellor’s Scholarship – Engineering

*Campus: H*

*Prerequisite: ENTER of at least 95.00. Refer to individual course entries for specific prerequisites.*

*Application: VTAC*

VTAC code: 34531

2004 Round 1 Clearly-In ENTER: 95.50

Under this program, students may select a degree or double degree, offered at Swinburne’s Hawthorn campus, in the engineering areas and receive a HECS waiver scholarship for the duration of the degree.

**Welding**

Certificate II in Engineering (Advanced Welding Certificate)

Certificate I in Engineering (Basic Welding Certificate)

*Campus: H, W*

*Duration: Certificate II: Up to two years part-time.
Certificate I: Up to one year part-time or 20 weeks full-time.*

*Prerequisite: There are no formal entry requirements, however applicants must be at least 15 years of age.*

*Application: Direct to Swinburne.*

This course qualifies students for the welding and fabrication industry where competent welding skills are required. Major studies include: gas tungsten, manual, gas metal and submerged arc welding.

**Welding**

Welding Certificates to AS1796

*Campus: W*

*Duration: Minimum one semester part-time per certificate.*

*Prerequisite: Applicants should have completed the appropriate prerequisite modules and have relevant industry experience.*

*Application: Direct to Swinburne.*

This course provides students with the knowledge and skills to obtain one or more welding certificates in accordance with Australian Standard 1796 (AS1796). Students can choose from certificate types including: low carbon steel, pipe, alloy steel and alloy steel pipe.

Employment including boiler and vessel manufacture, oil and gas pipeline installation and general fabrication.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.*
Aged Care Work
Certificate III in Community Services (Aged Care Work)
Campus: C, HV, P
Duration: Sixteen weeks full-time (P), one year part-time (C).
Prerequisite: Preference is given to people with experience working with older people or people with disabilities.
Application: Direct to Swinburne.
This course aims to provide an accredited training program for people who work in the aged care sector, in a range of industry workplaces or on a one-to-one basis with individual clients.
Employment as aged care or personal care worker with older people and people with disabilities in both community and residential settings.

Alcohol and Other Drugs Work
Certificate IV in Alcohol and Other Drugs Work
Campus: C, P and Workplace
Duration: One year full-time or equivalent part-time.
Prerequisite: Preference will be given to those currently employed in the industry, those who have past experience, and those with personal experience in caring for people with alcohol and/or other drug issues.
Application: Direct to Swinburne.
This course aims to provide appropriate training for workers whose primary role is to reduce the harm associated with the use of alcohol and other drugs.
Employment in the community services sector in areas that provide clinical support services, community development, health promotion and prevention services.

Biochemistry
Bachelor of Science (Biochemistry)
Campus: H
Duration: Three years full-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), in one of Biology or Chemistry, and in one of Mathematical Methods or Specialist Mathematics.
Application: VTAC
VTAC code: 34241
2004 Round 1 Clearly-In ENTER: 80.55
Biochemistry is the study of molecules of life, their structure and role(s) in the processes of animals, plants and micro-organisms. It has application in all areas of life where an understanding of the molecular basis of biology is important – from nutrition and agriculture through to medicine and psychology.
Biochemists work in many areas, including medical research, environmental research, clinical biochemistry, biotechnology, microbiology, food production, agricultural biochemistry, beverage production, fermentation technology, pharmaceutical production, biomolecular research, protein engineering, wine science, waste treatment, biodegradation and bioremediation.

Biomedical Sciences
Bachelor of Science (Biomedical Sciences)
Campus: H
Duration: Three years full-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any) and Mathematical Methods.
Application: VTAC
VTAC code: 34681
2004 Round 1 Clearly-In ENTER: 82.45
This course covers specialist theoretical and practical study of the functional aspects of the human body as well as study of the modern instrumentation and technology required in clinical care and other monitoring environments.
Employment in the health care sector, medical equipment companies and sports medicine area. Hospital careers include intensive care support, medical technologist positions in cardiovascular, respiratory and neurological medicine, biomedical engineering.

* An optional and additional year of Industry-Based Learning (IBL) may also be available.
Biomedical Sciences/Electronics and Computer Systems
Bachelor of Science (Biomedical Sciences)/Bachelor of Engineering (Electronics and Computer Systems)
Campus: H
Duration: Five years full-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any) and Mathematical Methods.
Application: VTAC
VTAC code: 34681
2004 Round 1 Clearly-In ENTER: 82.45
This double degree maximises a student’s career choices through a combination of the study of the physical aspects of human physiology and the related technologies for clinical care and biomedical monitoring, together with studies in electrical engineering.
Graduates may work in biomedical areas of either the public sector, for example in hospitals, or in the health industry. Alternatively, graduates may choose to undertake work as an electronics engineer.

Child Protection
Certificate IV in Community Services (Child Protection, Statutory Supervision)
Campus: C, P
Duration: One year full-time.
Prerequisite: This course is offered to students who have completed, or are currently completing, the Certificate IV in Community Services (Youth Work).
Application: Direct to Swinburne.
This course aims to provide participants with the knowledge, skills and values to perform competently as professional workers in the child protection or statutory supervision sector.

Children’s Services
Advanced Diploma of Children’s Services
Campus: P
Duration: One year full-time or equivalent part-time.
Prerequisite: Successful completion of the Diploma of Children’s Services or equivalent, and one to two years experience. Students will need to be working within a children’s service.
Application: Direct to Swinburne.
This course is designed to further the leadership and management skills of those working in children’s services who hold positions of responsibility or who wish to gain positions of responsibility.
Leadership and management roles in the children’s services industry.

Children’s Services – Centre Based Care
Diploma of Children’s Services
Certificate IV/III/II level courses also offered.
Campus: C, P
Note: Certificate II is only offered at Croydon.
Duration: Two years full-time or equivalent part-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or Alternative Category entry.
Application: VTAC (full-time) or direct to Swinburne for part-time and certificate level. All applicants must complete a Child Care application form.
VTAC code: 70021(C), 78051(P)
This course is designed to provide the skills, knowledge and understanding required for those who want to work with children as fully qualified child care professionals. Graduates provide care for the social, emotional, physical and educational needs of infants and children, specialising in children 0–6 years.
The majority of graduates work as fully qualified professionals in child care centres where they are responsible for providing a program of care and education to children under six.

Children’s Services – Out of School Hours Care
Diploma of Out of School Hours Care
Campus: C, P
Duration: Two years part-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or Alternative Category entry.
Application: Direct to Swinburne.
This course is designed to provide the skills, knowledge, understanding and practical skills to work with children and their families in Outside School Hours Care (OSHC) programs. Graduates provide quality care for the social, emotional, physical, educational and recreational needs of school age children (5–12 years).
Graduates work in a range of services including Before School Care, After School Care, Vacation Care and Camp Programs as fully qualified staff.

Community Development
Diploma of Community Development
Campus: C, P
Duration: One year full-time or equivalent part-time.
Prerequisite: Applicants are required to demonstrate personal maturity and aptitude for involvement in the course. Paid or unpaid experience relevant to the course is an advantage.
Application: Direct to Swinburne.
This qualification applies to community work delivered through a broad range of services which contribute to the development of community capacity through community consultation, public education, health promotion and advocacy.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**Community Services – Management**

Advanced Diploma of Community Services (Management)

Campus: C

Duration: Two years part-time.

Prerequisite: Demonstrated experience in a supervisory or higher level in the Community Services sector.

Application: Direct to Swinburne.

Participants will develop skills and knowledge with a focus on community services, including co-ordination and management skills in administration, finance, client service provision, policy, occupational health and safety (OH&S), communication and optional areas in training and assessing, networking, community resources and education, case management and volunteering.

Management across all community service sectors.

**Disability Work**

Advanced Diploma of Disability Work

Certificate IV in Disability Work

Campus: C or Workplace (Certificate IV only).

Note: A traineeship is also offered at the Prahran campus.

Duration: Advanced Diploma: Two years part-time.

Certificate IV: One year full-time or equivalent part-time.

Prerequisite: Preference is given to people who have experience with people with disabilities.

Application: Direct to Swinburne.

This course aims to provide training for people working with people with disabilities.

Employment in residential, employment, training, recreation or advocacy settings.

**Lifestyle and Leisure**

Certificate IV in Community Services (Lifestyle and Leisure)

Campus: P

Duration: One year full-time or equivalent part-time.

Prerequisite: Preference is given to people with experience working with older people or people with disabilities.

Application: Direct to Swinburne.

Providing leisure opportunities for older people and people with disabilities is a new and growing field in Australia. This course aims to provide accredited training to people currently working or wishing to work within this area.

Employment as a diversional therapist, personal carer in the aged and/or disability services field.

**Mental Health Work**

Certificate IV in Mental Health Work (Non-clinical)

Campus: P

Duration: Four years part-time.

Prerequisite: Applicants are required to demonstrate personal maturity and aptitude for involvement in the course. Paid or unpaid experience relevant to the course is an advantage.

Application: Direct to Swinburne.

This course is designed for workers who provide a range of community services and community interventions to clients with mental health issues and/or implement health promotion and community interventions.

**Nursing**

Certificate IV in Health (Nursing)

Campus: C, P

Post Basic Study modules also available at the Prahran campus.

Duration: One year full-time or equivalent part-time.

Prerequisite: Satisfactory completion of an entry test and interview.

Application: Direct to Swinburne.

This course is designed in explicit recognition of the merging nature of health care delivery, across five fields of nursing – aged care, acute care, mental health, rehabilitation and community nursing.

Employment as Division 2 Nurses in nursing homes, hospitals, hostels, mental health, acute care and community settings.

**Occupational Health and Safety**

Diploma of Occupational Health and Safety incorporating a Certificate IV/III

Campus: H

Duration: Three years part-time.

Prerequisite: Work experience and a demonstrated interest in OHS.

Application: Direct to Swinburne.

This course concerns the identification, assessment and control of conditions in the work environment that are harmful to the health and safety of people in all occupations. It also covers the prevention of accidents, injuries and ill health and the rehabilitation of injured workers.

Occupational health and safety personnel are employed in a wide range of public and private organisations.
Outdoor Recreation

Diploma of Outdoor Recreation incorporating a Certificate IV/III

Campus: C, HV and Eildon

Duration: Two years full-time.

Prerequisite: Applicants over 21 years of age are preferred and a background in outdoor recreation is highly recommended.

Application: VTAC. Applicants must also complete a Profile application form and attend an information day at Eildon.

VTAC code: 70251

This course is delivered in partnership with the Outdoor Education Group (OEG), which is based at Eildon in North East Victoria. The course aims to develop technical and interpersonal skills, professional judgement and prudent safety skills.

Graduates will be able to undertake a significant role in the management of outdoor recreation enterprises or facilities and have the capacity to develop and conduct extended outdoor programs or activities in a variety of environmental conditions.

Parent Education Leadership Training

Course in Parent Education Leadership Training

Campus: P

Duration: 100 hours part-time plus ten hours field experience.

Prerequisite: There are no formal entry requirements. However, applicants are required to show maturity and understanding in working with people. A qualification or experience in the family and community services area is desirable.

Application: Direct to Swinburne.

This course offers participants the necessary practical and theoretical training to lead parenting groups or provide services in parenting support and related areas.

Employment as direct service provision workers in family support/parent program agencies.

Psychology/Biochemistry

Bachelor of Science (Psychology/Biochemistry)

Campus: H

Duration: Three years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), in one of Biology or Chemistry, and in one of Mathematical Methods, Specialist Mathematics, or a study score of at least 30 in Further Mathematics.

Application: VTAC

VTAC code: 34161

2004 Round 1 Clearly-In ENTER: 86.60

This course covers both psychology and the biochemical structures and processes that underpin and influence human behaviour. Psychology studies emphasise vocational skills and knowledge relevant to applied fields. Biochemistry is the study of the structures and processes of living things based on the principles of chemistry and biology.

Employment may be found in medical and biomolecular research, neurological research, community health services, clinics and institutions involved in the assessment and management of persons with neurological problems, clinical psychology, sports psychology.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
With a keen interest in psychology and excellent VCE results, Edith Szabo had plenty of courses to choose from, but only the Bachelor of Arts (Psychology/Psychophysiology) course seemed to combine her love of theoretical and neurological psychology.

“I always loved psychology, but most of the courses seemed to be either arts or science-based. But Swinburne’s arts course offered the best balance, including subjects like pharmacology and neurophysiology. My sister also did arts at Swinburne and thoroughly recommended it.”

After enrolling, Edith quickly found that Swinburne’s smaller class sizes were another great aspect of the course. “Swinburne has a really supportive atmosphere, and the lecturers and tutors are very approachable. I really loved Uni life – it definitely lived up to my expectations.”

This support meant Edith easily adjusted to the rigours of her course, which placed significant emphasis on statistical analysis of research.

“Every year we studied a statistics subject for a semester, which added so much depth to the course.”

As well as depth, Edith says completing the subject and her honours thesis has been invaluable for her work as a research assistant with the Cancer Council.

“I work on a variety of research projects and quantitative results analysis is important. The arts subjects I did were equally valuable, as they taught me to analyse and think critically, also a very important skill. At work, I constantly draw on skills I developed throughout the degree and especially in my thesis, where I had to adhere to strict deadlines and requirements.”

Despite the competitive job market, Edith’s positive attitude and excellent results helped land her the position with the Cancer Council, where she has been working for the past year.

“There were a lot of honours graduates applying for the position, but I was very keen. I really love what I do, and I think that came through during the interviews.”
Public and Environmental Health

Bachelor of Health Science (Public and Environmental Health)

Campus: H

Duration: Four years full-time including one year of Industry-Based Learning (IBL).

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and in one of Biology, Chemistry, or Physics, and in one of Mathematical Methods, Specialist Mathematics or a study score of at least 30 in Further Mathematics.

Application: VTAC

VTAC code: 34051

2004 Round 1 Clearly-In ENTER: Individual offer

Food safety, disease prevention, environmental hazards management, noise assessment, water quality and health promotion are all environmental health issues affecting community health. Environmental health management is concerned with protecting the environment and the health of people living in it and involves monitoring, assessment, correcting, controlling, and education as appropriate.

Employment may be found with commonwealth, state and local government authorities, and increasingly, food and waste management industries and private consultancies.

Remedial Massage

Diploma of Remedial Massage

Campus: C

Duration: One year part-time.

Prerequisite: Applicants are required to demonstrate personal maturity and aptitude for involvement in the course. Paid or unpaid experience relevant to the course is an advantage.

Application: Direct to Swinburne.

This course teaches a variety of massage techniques with emphasis on human anatomy, orthopaedic assessment, diagnostic imaging, biomechanics and exercise, and sport injury management.

Sport and Recreation

Diploma of Sport and Recreation incorporating a Certificate IV

Campus: H

Duration: Two years full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent or mature age. Preference will be given to applicants who can demonstrate sport or recreation experience.

Application: VTAC. Applicants must also complete a Profile application form.

VTAC code: 77981

This course aims to provide an accredited training program for people wishing to pursue a career/sport development in the sporting industry.

Welfare Work

Diploma of Community Welfare Work

Campus: C, P

Duration: Three years part-time.

Prerequisite: Applicants are required to have one or more years paid or unpaid welfare related work experience.

Application: Direct to Swinburne.

The course aims to provide participants with the knowledge, skills and values to perform competently as professional and social welfare workers. Major studies include: sociology, psychology, welfare practice, community development, social policy, counselling skills.

Employment as social welfare workers.

Youth Work

Certificate IV in Youth Work

Campus: C, P

Duration: One year full-time or equivalent part-time.

Prerequisite: Applicants are required to demonstrate personal maturity and aptitude for involvement in the course. Paid or unpaid experience relevant to the course is an advantage.

Application: Direct to Swinburne.

This course aims to provide students with the skills to develop and co-ordinate programs for young people through a range of community based programs which are designed to address the social, behavioural, health, welfare, developmental and protection needs of young people.
Hospitality and Tourism

1. **Commercial Cookery**
Certificate III in Hospitality (Commercial Cookery) – Apprenticeship
Campus: L, P
Duration: Three years part-time (one day per week).
Prerequisite: Satisfactory completion of an appropriate Victorian Year 10/11 or its equivalent, or mature age. Students are also required to secure an apprenticeship agreement with an employer.
Application: Direct to Swinburne.

This course aims to provide training and skill development in kitchen operations and reflects the role of a qualified cook or chef. Employment may be found as a cook or further study in cookery or hospitality management.

2. **Events Management**
Diploma of Event Management incorporating a Certificate III
Campus: P
Duration: Two years full-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Application: VTAC. Applicants must also complete a pre-selection form.
VTAC code: 78191

This course covers general studies of the tourism industry, sales and marketing. Second year focuses on the management issues of meetings, conferences and event management.
Employment may be found in areas such as meeting and conference administration, registration or supervision and event management.

3. **Kitchen Operations**
Certificate II in Hospitality (Kitchen Operations) – Pre-Apprenticeship
Campus: L, P
Duration: Six months full-time.
Prerequisite: Satisfactory completion of an appropriate Victorian Year 10/11 or its equivalent, or mature age.
Application: Direct to Swinburne.

This course aims to provide participants with the skills and expertise which will enable them to work within the hospitality industry as a commercial cook (Grade 3).
Employment may be found as cook or further study in cookery or hospitality.

4. **Tourism – Operations Management**
Diploma of Tourism (Operations Management) incorporating a Certificate III/II
Campus: L
Duration: Two years full-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Application: VTAC. Applicants must also complete a pre-selection form.
VTAC code: 70591

This course covers general studies of the tourism industry, events management, sales and office operations. The Diploma focuses on the managerial aspects of the tourism industry.
Employment may be found as an operations or attractions manager, operations consultant, tour co-ordinator or event manager.
Tourism and Management
Bachelor of Business (Tourism and Management)
Campus: L
Duration: Three years full-time or part-time equivalent.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 35031 (full-time), 35521 (part-time)
2004 Round 1 Clearly-In ENTER: 59.50
This course is designed to prepare graduates for self-employment or professional careers in public and private sector organisations concerned with tourism. The core subjects provide the knowledge and basic skills required in the broad business environment, while the management stream extends and reinforces these foundations as they apply in the operation of small and medium sized organisations.
Graduates of this course may find employment in the wide range of tourism enterprises (e.g., attractions, transport and tour services), in other enterprises where tourists are involved (e.g., museums and national parks), and in administrative or coordinating organisations such as regional tourism authorities.

Tourism/Hospitality Management
Bachelor of Business (Tourism and Management) and Diploma of Hospitality (Management)
Campus: L
Duration: Four years full-time.*
Note: The first two years are predominately TAFE studies.
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 35051
2004 Round 1 Clearly-In ENTER: 60.35
This dual award provides an opportunity for students to combine specific customer-related competencies and hospitality industry experience with the knowledge, skills and understandings required for sound management in the broader tourism system. Students will undertake concurrent studies at theoretical and practical levels in the hospitality, tourism and enterprise management areas, and have the opportunity to relate these to other business areas such as marketing, financial management, and human resource management.
Graduates may find employment in a range of tourism and tourism related fields from enterprise marketing to small/medium sized business management.

Table setting, plate clearing and silver service are just another part of Kazumi Maruo’s Diploma of Hospitality (Management) studies at Swinburne and not skills she expected would take her to the finals of the State Waiter of the Year competition.

“It was exciting and made me a little nervous. As I’m only new to Australia and my English is not perfect, I was really pleased to be a finalist.”

Her success is not surprising, given that ever since Kazumi can remember, she has always enjoyed experimenting with food and meeting people, making her ideally suited to Swinburne’s Diploma of Hospitality.

“I worked as a pharmacy assistant in Japan for five years and didn’t like it. I felt like every day was the same but in hospitality it’s more exciting. I am also interested in the wine industry, and Japan’s is not as big as Australia’s, which is why I came here.”

Kazumi’s concerns about her English skills were soon put to rest by her sister, who she says gave her lots of confidence and helped organise her trip.

“I was a little worried at first, but the TAFE teachers and the English Language Centre at the Prahran campus were really helpful.”

The support left her free to concentrate on her classes, of which the practical kitchen class is her favourite.

“At Mecanix (Prahran campus restaurant) we get real experience and a chance to cook for real guests.”

Kazumi has already put these skills to practise in a new job at Docklands’ Mecca Bar as a waitress, where she looks forward to meeting new people every shift.

“It’s a great job, I work behind the bar, serve customers and waitress. Mecca serves modern Middle Eastern cuisine and every day I learn something different. Everything I learn in class I can bring to my work.”

Having completed the Certificate IV component of her Diploma, Kazumi is looking forward to finishing her diploma, after which she has sights set on working in a winery.

“If I don’t forget my English, I’d like to work in Australia in a winery – that would be a perfect job.”

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**: Multimedia

**Interactive Multimedia**

Bachelor of Technology (Interactive Multimedia)

*Campus: L*

*Duration: Three years full-time or equivalent part-time.*

*VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).*

*Application: VTAC
VTAC code: 35261 (full-time), 35311 (part-time)
2004 Round 1 Clearly-In ENTER: 58.60*

This course integrates information technologies, telecommunications and multimedia concepts. Increasingly, interactive multimedia is becoming a dominant mode of delivering information and entertainment and is escalating in its use within business, government and educational institutions to create, promote and sell products and provide graphic information about services.

Employment in areas of multimedia application design and development.

**Multimedia**

Advanced Diploma of Multimedia incorporating a Certificate IV

*Campus: H*

*Duration: Two years full-time.

*Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.*

*Application: VTAC
VTAC code: 77081*

This course is designed to provide students with the skills needed to work in multimedia. Through the selection of a major stream, it enables students to develop a high level of expertise in a particular aspect of multimedia work.

Employment within multimedia design consultancies, information technology companies, the media, entertainment studies, advertising agencies, government instrumentalities and in e-commerce.

**Multimedia – Business Marketing**

Bachelor of Multimedia (Business Marketing)

*Campus: H and P*

*Duration: Three years full-time.*

*VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).*

*Application: VTAC
VTAC code: 34061
2004 Round 1 Clearly-In ENTER: 85.00*

This course serves the needs of those wishing to pursue a multimedia-oriented career, particularly related to the production and design of multimedia applications. Graduates will provide their future employers with comprehensive skills in the principles and practice of marketing as they are applied in a multimedia environment, with a solid grounding in the analysis and modelling of market conditions.

A broad spectrum of career opportunities in eCommerce and the multimedia industry.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.*
Multimedia – Design
Certificate IV in Multimedia (Design)
Campus: L, P
Duration: One year full-time.
Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All applicants are required to present a folio of work at interview.
Application: VTAC and direct to Swinburne (both are required).
VTAC code: 70271(L), 78181(P)
This course provides a comprehensive foundation in multimedia design and related interactive multimedia studies.
Entry level employment across a range of industry sectors including, multimedia design, web design, new media arts, 3D modelling, 2D and 3D animation, visual art studio practice and the screen arts industries. This course can also provide a pathway to further training.

Multimedia – Design
Advanced Diploma of Multimedia (Design)
Campus: P, W
Duration: Two years full-time.
Prerequisite: Entry to this course is post-VCE. Successful completion of at least twelve months of an approved art, design or media course is preferable.
Application: VTAC. All applicants are also required to complete a Supplementary Application Form and present a folio of work at interview.
VTAC code: 78981(P), 71091(W)
This course aims to give students the broad base and specialisations necessary for initiating and developing an electronic media career path and to work with digital technologies within the arts, screen design, and media industries.
Employment may be found in the areas of multimedia design, interface design, web design, new media arts, art direction, film and video post-production, 3D modelling and 2D and 3D animation, visual art studio practice, graphic design and the screen arts industries.
Successful completion of the course may also allow Pathways to the Bachelor of Design (Multimedia Design) at the National Institute of Design.

Multimedia Design
Bachelor of Design (Multimedia Design)
Campus: P
Duration: Three years full-time.
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Note: Applicants are advised to undertake an art-related study such as art or visual communication and design in Units 3 and 4 to assist in the development of a folio. It would also be an advantage to undertake two units from Mathematics (any), Physics, Information Technology, or Design and Technology.
Application: VTAC. In addition, selection will involve a written application, folio appraisal and interview.
VTAC code: 36001
2004 Round 1 Clearly-In ENTER: Individual offer.
This course prepares students to work with design for digital film production, the world wide web and computer interactive media. The study of time-based sequence design provides students with expertise in animation, 3D modelling, digital video, audio media, and communication design for electronic media. Graduates may find work in design consultancies, information technology companies, media and entertainment studios, advertising agencies and government instrumentalities.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
Swinburne's Bachelor of Multimedia (Multimedia Software Development) course brought Carlos Vela all the way from Mexico, where he already had completed an industrial engineering degree.

“When I worked as an engineer in Mexico, I helped develop a training CD-ROM teaching quality standards to the manufacturing industry. This got me interested in multimedia, and I wanted to visit Australia so I applied for Swinburne’s course. I really enjoyed my time at Swinburne.”

Carlos also liked the Multimedia course’s combination of artistic and technical skills, covering 3D animation, web design as well as JAVA programming.

“One of my friends from overseas recommended this course and it didn’t disappoint. It combined programming and design and was also very practical.”

Currently working part-time for psychological testing consultancy, MLQ Inc., Carlos felt well prepared to tackle the job because of the project work in his degree.

“The Functional Web Design subject was really helpful. I worked in a group to help the Friends of the ABC improve their website, which was basically a page of text before we worked on it. We modified the graphics and made it more user-friendly.”

But aside from technical experience, Carlos said the project gave him first-hand experience of dealing with clients and working to strict deadlines.

“It was a real business project, not just a subject. We had to work with real clients and deal with real problems, just like in the industry.”

His hard work in his first year paid off when he was awarded a Swinburne scholarship that halved his fees for the remainder of the course.

“It was great to get the scholarship, it made everything much easier.”

Swinburne wasn’t only about study for Carlos, who met some Argentinean friends who he formed a soccer club with, a highlight of his time in Australia. “I’m really enjoying Australia, I’m hoping to get permanent residency and work in web development and software. I’ve had a great time.”

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**Multimedia – Networks and Computing/Telecommunications and Internet Technologies**

Bachelor of Multimedia (Networks and Computing)/Bachelor of Engineering (Telecommunications and Internet Technologies)

**Campus:** H and P

**Duration:** Five years full-time.*

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 25 in English (any), and Mathematical Methods.

**Application:** VTAC

**VTAC code:** 34151

2004 Round 1 Clearly-In ENTER: 85.50

This double degree provides in-depth specialist engineering knowledge of the international telecommunications industry and global networks and also of the technical and creative aspects of multimedia systems. This is particularly relevant to the continued convergence of multimedia systems and communications networks, currently typified by the World Wide Web.

Employment opportunities include creation, development and technology management roles in interactive multimedia within the advertising, instructional design, business promotion, training, education and online entertainment industries, as well as technology integration of telecommunications systems, computer networks, broadband interactive online networks, integrated computer and communication infrastructures for global networking.

**Multimedia Software Development**

Bachelor of Multimedia (Multimedia Software Development)

**Campus:** H

**Duration:** Three years full-time.*

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 25 in English (any), and Mathematics (any).

**Application:** VTAC

**VTAC code:** 34091

2004 Round 1 Clearly-In ENTER: 82.65

This course serves the needs of those wishing to pursue a multimedia-oriented career, particularly related to the production, development, and design of multimedia applications. It includes major studies in software development using an object-oriented approach, and multimedia design using authoring tools. It also aims to develop an in-depth understanding of the broad range of creative and design aspects of multimedia and internet technologies.

Graduates of this course are well equipped to meet the predicted growth in industry demand for professionals in multimedia and web design.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.*
Social Sciences and Arts

**Arts**

Bachelor of Arts

**Campus:** H

**Duration:** Three years full-time or equivalent part-time.

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 25 in English (any).

**Application:** VTAC

**VTAC code:** 34321

**2004 Round 1 Clearly-In ENTER:** 80.30

The Bachelor of Arts is designed to foster individual student development, to develop research and analytical skills and encourage skills of investigation and enquiry which may be applied to a range of situations. Arts students learn how to gather, synthesise and assess information, how to conceptualise issues, and how to express themselves effectively both orally and in writing.

Students are required to undertake a combination of majors/minors of which one major must be from Arts: Australian Studies, Cultural Studies, Electronic Society, Italian Studies, Japanese, Literature, Media Studies, or Philosophy and Cultural Inquiry. Arts students may also undertake studies from Social Science: Psychology, Politics or Sociology; and Business subjects.

Employment opportunities include policy analysis and development, research, community development, administration, public relations, publishing, media, and professional psychology. Arts graduates find employment as journalists, teachers, professional psychologists, librarians, interpreters, sociologists, Internet providers, and marketers.

**Liberal Arts**

Diploma of Liberal Arts incorporating a Certificate IV

**Campus:** P

**Duration:** Two years full-time or equivalent part-time.

**Prerequisite:** Successful completion of an appropriate Victorian Year 12, or its equivalent, or mature age.

**Application:** VTAC (full-time) direct to Swinburne (part-time).

**VTAC code:** 78001

This is a humanities and social science oriented course which prepares students for further studies in this area or to enter the workforce in a variety of fields. In particular the course is geared to cater for mature-aged persons who wish to study an arts, humanities or social science program offered at a university, or who do not have a Year 12 or equivalent.

Successful completion of the program enables students to apply for entry to a number of degree courses in the humanities and social sciences.

**Media and Communications**

Bachelor of Arts (Media and Communications)

**Campus:** H

**Duration:** Three years full-time or equivalent part-time.

**VCE Prerequisite:** Units 3 and 4 – a study score of at least 25 in English (any).

**Application:** VTAC

**VTAC code:** 34071

**2004 Round 1 Clearly-In ENTER:** 88.70

This course covers media and communications practices, influences and policies, and provides an ideal foundation for further studies in a range of specialised areas. It incorporates a wide range of academic and production subjects covering textual analysis – how we make sense of both film and ‘media’ materials (TV, print, new media), a study of the political economy of media and telecommunications, and hands-on subjects in which the emphasis is on publishing, radio production and work-place experience. Students may also undertake studies from Arts, Social Science and Business.

Employment can be found in areas such as journalism, radio production, public relations, and communications research.
Professional Writing and Editing

Diploma of Arts (Professional Writing and Editing) incorporating a Certificate IV

Campus: Distance Learning.
Duration: One to two years part-time.
Prerequisite: There are no formal entry requirements.
Application: Direct to Swinburne.

The course aims to provide participants with a theoretical base and the practical skills in technical business and/or creative writing, to enable them to pursue either paraprofessional level employment or further study.

Psychology

Bachelor of Social Science (Psychology)

Campus: H
Duration: Three years full-time or equivalent part-time.
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 34341
2004 Round 1 Clearly-In ENTER: 85.55

This course provides students with wide-ranging, flexible skills in critical thinking, persistence and initiative. An extensive program of research project work develops problem solving strategies, data analysis skills, and the ability to present qualitative and quantitative data. Many of the major problems facing our society involve psychological causes or consequences. Solutions to such problems virtually always require changes in attitudes, values, behaviours and lifestyles, and knowledge of strategies to address such problems are studied in this course.

Students may also undertake studies from Arts, Social Science and Business.

Employment can be found in areas such as policy analysis and development, research, community development, administration and human services management. With further studies, students with appropriate majors can obtain qualifications to become, for example, psychologists, librarians, teachers, personnel officers, social workers or sociologists.
Social Science
Bachelor of Social Science
Campus: L
Duration: Three years full-time or equivalent part-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 35201 (full-time), 35151 (part-time)
2004 Round 1 Clearly-In ENTER: 63.05
This course provides students with the skills and abilities pertinent to a variety of professional careers in the public and private sectors. Students are encouraged to develop a theoretical insight of their chosen disciplines to enable them to understand, not only current developments in society and the workplace, but also to adapt and respond appropriately to future developments as they occur. Students are required to undertake a major study sequence in one of the following: eCulture and Media, Psychology, or Sociology.
Employment can be found in areas such as social research, administration, planning, community development, human resources, policy development, and marketing.

Social Science/Business
Bachelor of Social Science/Bachelor of Business
Campus: L
Duration: Four years full-time or equivalent part-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC
VTAC code: 35141 (full-time), 35231 (part-time)
2004 Round 1 Clearly-In ENTER: Individual offer.
This course prepares students for employment or self-employment in the rapidly changing cultural, technological and business environments. Students are able to extend their areas of study beyond the combinations of major and minor sequences required in single degree courses, giving students flexibility and expertise beyond the limits of a narrow vocational orientation. Major studies include: Accounting, Marketing, Economics, Human Resource Management, Management, eCulture and Media Studies, Psychology or Sociology.
For career opportunities, refer to the individual degree entries in this Course Guide.

Ann-Maree Reeve has always wanted to make a difference, so studying psychology seemed a natural choice, but not one that was made instantly. Working in sales and marketing for ten years and starting a family, Ann-Maree undertook a Diploma of Justice Studies at the former Outer Eastern TAFE before enrolling in a Bachelor of Social Science degree at Swinburne’s Lilydale campus.

“I’ve always been interested in justice issues, and with the Lilydale campus being so close to home, it was an ideal location.”

For Ann-Maree, the challenges of studying were combined with raising two children, the youngest child being born during Ann-Maree’s first year at Lilydale.

“It was hard work, but the support of the staff at Lilydale was great. I felt as if we were in it together.”

Having studied both psychology and sociology, Ann-Maree feels she has a solid background in both personal and social psychological issues, as well as valuable work experience gained through a third year subject of Work Integrated Learning (WIL) Project, undertaken for Selby Community House. Ann-Maree developed a Computer Resource Facility that includes a training room with ten computers for adult and community education and a public internet access area with two computers.

Helping to secure a $9,000 community development grant from the Shire of Yarra Ranges for the facility, Ann-Maree said the ‘fantastic response' from the community inspired her to continue with the project until completion.

“The Computer Resource Facility has really taken off. I’ve helped create opportunities for the provision of adult and community education, but there are many more opportunities, for instance, providing facilities for young multimedia artists.”

Despite her busy schedule, Ann-Maree has enrolled to study for Honours part-time and looks forward to a career as a psychologist. As well as a qualification, Ann-Maree says her degree has given her profound insight into humanity.

“I don’t think anyone can study psychology and not gain valuable personal insight. I have gained a great breadth and depth of knowledge and self-discipline combined with an appreciation of the diversity of humanity, which is incredibly valuable.”

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
Circus Arts

Bachelor of Circus Arts incorporating a Diploma and Certificate IV

Campus: P

Duration: Three years full-time.

Prerequisite: Entry is available to creative, talented and physical young people with backgrounds in performing arts, physical theatre, youth circus, dance, acrobatic sports, and gymnastics.

Application: Direct to Swinburne.

This course has been developed in consultation with both national and international circus and physical theatre industries. Circus is a global phenomenon and this is reflected in our trainers. Drawn from a variety of international and local backgrounds NICA trainers bring a wealth of expertise and knowledge that they are eager to pass on to the next generation of circus performers.

Recent graduates have moved on to work with local and international companies such as Cirque du Soleil, Circus Oz, Legs on the Wall, Rock`n`Roll Circus, street festivals, and corporate work.

Make-up

Diploma of Make-up

Campus: P

Duration: One year full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All applicants must attend an interview.

Application: VTAC and direct to Swinburne (both are required).

VTAC code: 78021

Students will gain application skills in prosthetics, special effects, stage photographic, bridal, period, television, film, and fashion make-up. Also, hairstyling, facial hair manufacture and wig styling and maintenance.

All tutors are professional make-up artists, hairdressers and wigmakers currently working within the industry.

Employment in the film, video, television, theatre, photographic and fashion industries.

Small Companies and Community Theatre

Diploma of Arts (Small Companies and Community Theatre)

Campus: P

Duration: Two years full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. Applicants will be asked to participate in a day of special workshop and written activities.

Application: VTAC and direct to Swinburne (both are required).

VTAC code: 78871

This course is designed to give students the necessary skills to organise a performance, event or project and undertake the administrative tasks associated with such a performance. The focus of the course is to provide participants with opportunities to simulate industry practice by conceiving, developing, planning, activating, rehearsing and staging an event or performance.

Employment as theatre workers in a small company or as individuals with other artists on specific projects.
Visual Arts
Diploma of Arts (Visual Art)
Campus: L, P, W

Note: Lilydale campus delivery is geared towards indigenous content.

Duration: Two years full-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All applicants must attend an interview/folio presentation.

Application: VTAC and direct to Swinburne (both are required).

VTAC code: 78151(P), 71151(W)

This is a progressive contemporary fine art program run by artists. Painting, sculpture, drawing, photography and printmaking are studied.

Theory study areas feature conceptual and stylistic strategies of art practices since the 1960's and includes gallery visits.

Graduates will find rewarding careers in the visual arts industries.

Visual Arts – New Media
Diploma of Arts (Visual Art) – New Media
Campus: P

Duration: Two years full-time or equivalent part-time.

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All applicants must attend an interview/folio presentation.

Application: Direct to Swinburne.

This is a progressive contemporary art program run by artists. Video, 16mm film and sound are studied with life drawing, painting, photography, printmaking, sculpture and art theory.

Graduates will find rewarding careers in the visual arts industries where traditional practices converge with new video and digital technologies.

Visual Merchandising
Certificate IV in Arts (Visual Merchandising)
Campus: W

Duration: Two years part-time (day).

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age with some art, design and/or retail experience and/or a demonstrated capacity and motivation for this field. Applicants may present a folio of their art, craft, design work or photographs of display and merchandising at interview.

Application: Direct to Swinburne.

On completion of this course, students will have an understanding of the visual merchandising industry including: the principles and elements of display, the development and design of language for the purpose of product presentation, the design and construction of props, and working to an industry brief.

Graduates may find employment in retail store visual merchandising or display departments, visual merchandising consultancy and supply companies, retail merchandising, photostyling or display production companies.

Rebecca Russell gave up her earlier dramatic ambitions for the ‘safer option’ of teaching, but completing Swinburne's Diploma of Arts (Small Companies and Community Theatre) proved that she could forge a successful career in the theatre.

“The Diploma of Arts course was very broad and intensive. It offered a range of skills and was not focused on only one aspect like acting or directing like many other courses.”

These eclectic skills were all put to focused use in the production of a performance at the Moomba Festival, which inspired Rebecca to launch her own women's theatre group with classmate Illena Solaja.

“In the theatre, you have to be able to create your own work and this diploma prepares you for that reality.”

Together with Bachelor of Business student, Matthew Barnes, Rebecca and Illena created a business plan for the theatre group, the Spin Sisters, which won the $10,000 Swinburne Venture Cup.

“It was wonderful to receive acknowledgement for something we were always going to do anyway. The Venture Cup was a fantastic experience and our lecturers were very encouraging. It forced us to think about how we could make a viable business from our artistic concept.”

Rebecca put the diverse skills gained through the Diploma to good use by conducting market research, writing and directing for the Spin Sisters. As well as broadening her experience, the Diploma gave Rebecca a foot in the door of the competitive theatre industry, helping her secure limited work as a set finisher, with the Keene Taylor Theatre Project.

“The Diploma has very strong industry connections and we got to work with industry professionals like Ken Evans (ex-artistic director of Handspan), which was a great opportunity.”

For Rebecca, the next step is to get Spin Sisters up and running, having already registered for a place in the Melbourne International Comedy Festival.

“It’s an exciting and daunting time for me. But I feel prepared and confident enough to make a real go of it.”
Preparatory, Bridging and Support Programs

**Bridging Science**
Certificate IV in Science incorporating a Certificate III
Campus: H
Duration: Up to one year full-time or part-time.
Prerequisite: There are no formal entry requirements.
Application: Direct to Swinburne.
This course is primarily designed to provide those, who lack background knowledge, with skills in the areas of mathematics, sciences, computing and communication skills. These skills may be required to undertake further studies, to fulfill career aspirations, or to improve employment opportunities. Alternatively, a person may wish to become familiar with any of these areas for personal development.
Following the successful completion of appropriate units, students may progress to mature-age VCE or apply as a mature-age student to a university degree or TAFE diploma course. Access to career fields such as applied science, information technology, nursing, paramedical and alternative medicine will be improved.

**Concurrent Study**
Concurrent Study Program
Campus: C, H, L, P, W
Duration: Equal to the duration of any mainstream TAFE course.
Prerequisite: Permanent residents enrolled in a TAFE diploma (and most certificate courses) are eligible for study skills, language, literacy and mathematics assistance. Higher Education (degree) students are also eligible for academic and language skills support.
Application: Direct to Swinburne.
This course aims to support students so they can pursue their mainstream courses with confidence. Tuition is available to students who want to: read and take notes more efficiently, become more competent in mathematics, know how to identify the key elements of work requirements, plan and prepare their written and oral presentations effectively, manage their study effectively, set realistic study goals, work well with their peers and in groups, and learn how to use a wide variety of resources.
An increased ability to complete mainstream courses and the confidence to take advantage of Pathways to further study.

**English as Second Language (ESL)**
Certificate III/IV in ESL (Access) with a General English stream and other streams in accounting, small business, job seeking skills and work placement.
Campus: Accounting: H
General: H, P
Job Seeking: P, W
Small Business: H
Note: A Certificate I in ESL (Entry) is also available at Wantirna.
Duration: Varies according to campus and stream.
Prerequisite: English is not the first language. Permanent residency. Student, tourist, working holiday visas not eligible. Eligible non-permanent residents will be charged a higher fee.
Application: Direct to Swinburne.
These courses aim to prepare students of non-English speaking backgrounds with intermediate to high intermediate levels of English to progress to further study (mainstream) or employment.

**General Education for Adults**
Certificate I, II and III in General Education for Adults
Campus: C, H, P, W
Duration: Varies according to campus and level.
Prerequisite: Adult students are accepted at any skill level, however they must be able to speak English
Application: Direct to Swinburne.
These courses are designed for people from English and non-English speaking backgrounds who left school before Year 11. The main focus of the course is in improving a student’s skill in reading, writing and maths together with a strong emphasis on improving self-confidence.
On completion of the course the students are assisted in finding employment and/or where appropriate are encouraged to pursue further studies and training.
**Initial Adult Literacy and Numeracy**

Certificate I in Initial Adult Literacy and Numeracy

**Campus:** C, L

**Duration:** One year part-time.

**Prerequisite:** Applicants are required to attend an interview and to participate in the application process, demonstrating ‘readiness’ skills.

**Application:** Direct to Swinburne.

This course supports adult students at the beginning literacy and numeracy stages – providing opportunity for students to develop skills for everyday living and/or further study. The course framework supports participants who face life challenges e.g. intellectual disability, learning difficulties, little or no formal experience, or those who use alternative methods of communication.

On completion of the course students will be able to enrol in the Certificate in General Education for Adults or the Certificate in Work Education.

**Spoken and Written English**

Certificate I, II and III in Spoken and Written English

**Campus:** C, H, P, W

**Duration:** Varies according to campus and level.

**Prerequisite:** English is not the first language. Permanent residency (passport required) or if not permanent may be eligible for the Adult Migrant English Program (510 hours). English level: beginners to pre-intermediate.

**Application:** Direct to Swinburne.

These courses focus on general language development, oral and written skills related to a range of contexts from beginner to post-beginner and pre-intermediate levels. They also focus on settlement issues and in the Certificate III there is a greater focus on further study or work preparation.

**Transition Education**

Certificate I in Transition Education

**Campus:** H, P, W

**Duration:** One year full-time.

**Prerequisite:** Applicants must be post school age (16+ years)

**Application:** Direct to Swinburne.

This course is designed to provide people with a disability with the skills to access a preferred option/s such as further education and/or training, entry into paid employment or voluntary work or, other service providers.

**Vocalisation**

Victorian Certificate of Applied Learning

**Campus:** C, L

**Duration:** One year full-time.

**Prerequisite:** Applicants should be 16 to 19 and completed Year 10.

**Application:** Direct to Swinburne.

The VCAL program is based on vocationally orientated applied learning principles and includes one of the following TAFE Certificates:

- General Construction (Carpentry)
- Hospitality
- Children’s Services and Outdoor Recreation

VCAL will develop and extend pathways for young people from school to further education, training and work.
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Computing and Information Technology
Design
Engineering and Technology
Health and Human Services
Hospitality and Tourism
Multimedia
Social Sciences and Arts
Visual and Performing Arts

Advanced Standing
Where a student is able to gain credit for subjects in a course through recognition of completed prior studies, which enables them to enter a course with ‘advanced standing’.

Articulation
With Swinburne’s integrated curriculum, students can move (or articulate) between many TAFE and University courses.

Bachelor Degree
An undergraduate award requiring a minimum of three years study.

Course
A program of study, which when satisfactorily completed, leads to the award of a certificate, diploma or degree.

Credit Transfer
Where a student is granted exemption from particular course requirements in recognition of previous studies.

Double Degree
The study of two Bachelor degrees, usually requiring four to five years to complete.

Distance Learning
Courses that do not require students to attend classes on campus.

Dual Award
The study of two ‘integrated’ courses, usually a Bachelor degree and an Advanced Diploma.

Elective
A subject that is not a core part of a course, but which may be undertaken and credited towards the course.

ENTER
Equivalent National Tertiary Entrance Rank, percentile ranking showing an applicant’s comparative placement in their VCE age group in that year on the basis of their VCE studies.

Graduate
A person who has satisfactorily completed all the requirements for their qualification.

HECS
A fee charged by the Federal Government as a contribution towards the education of all students enrolled in undergraduate courses.

Industry-Based Learning (IBL)
An optional program in which students are placed in paid, supervised employment as part of their degree.

Lecture
Where a three hour class where the lecturer addresses a topic relevant to a course.

Major
A specialisation that makes up a major component of a course.

Minor
A specialisation that makes up a minor part of a course.

Pathways
A TAFE–University credit transfer scheme. It allows students to gain credit towards another study.

Postgraduate Studies
Further study at a higher level than a bachelor degree. Eligibility for entry to a postgraduate course normally requires the completion of an approved undergraduate degree.

Prerequisite
Prescribed studies that must be completed to be eligible for a course (generally applies to Year 12 students).

Recognition of Prior Learning (RPL)
Where a student is granted credit or partial credit towards a qualification in recognition of their current competencies, which may have been gained through education, training, or work and life experience.

Semester
A defined study period within an academic year which commences with the teaching period and concludes at the end of the assessment period. Normally there are two semesters in a year. There is also a Summer Semester that runs from December to February but not all subjects are available for study over this period.

TAFE
Providers of Technical and Further Education courses.

Tertiary Studies
Studies undertaken at a higher level than secondary schooling.

Tutorial
A small class where students discuss issues raised in a lecture, with a tutor. The tutor is either an academic or postgraduate student.

Undergraduate Studies
Studies that form part of a bachelor degree.

University
Institution of higher learning authorised to grant degrees.