Degree, Diploma and Certificate courses for 2006

Swinburne Course Guide

Croydon > Hawthorn > Healesville > Lilydale > Prahran > Wantirna

SWINBURNE UNIVERSITY OF TECHNOLOGY

- Applied and Industrial Sciences
- Business, Innovation and Management
- Computing and Information Technology
- Design
- Engineering and Technology
- Health and Human Services
- Hospitality and Tourism
- Multimedia
- Social Sciences and Arts
- Visual and Performing Arts

www.swinburne.edu.au
Swinburne Ranked No. 1 for Generic Skills

The Graduate Careers Council of Australia (GCCA) surveys recent university graduates and gathers information on students' perceptions of their course. In 2004, the Australian Government used this data to develop a comprehensive analysis and ranking of all Australia's public universities, and ranked Swinburne first in Australia for providing its students with generic skills.

GCCA defines generic skills as:
- Communication skills
- Capacity to learn new skills and procedures
- Capacity to make decisions and solve problems
- Ability to apply knowledge in the workplace
- Capacity to work with minimum supervision

Swinburne Ranked No. 2 for Overall Student Satisfaction

In the same Australian Government rankings, Swinburne was ranked 2nd out of 39 Australian universities for overall student satisfaction, and fourth for satisfaction with good teaching.

Source: Department of Education Science and Training (DEST), November 2004.

Open Day

Sunday 28 August 2005
Between 10.00am and 4.00pm

Website: www.swinburne.edu.au/openday

Come to Open Day and see all that Swinburne has to offer. You will be able to talk to our staff and students.

Alternatively, if you can’t make it to Open Day, you can visit our campuses by registering for a campus tour or taking a self-guided or online campus tour at: www.swinburne.edu.au/tours

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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 years of full-time study (or equivalent part-time). Entry varies between courses.

Diploma
Normally one and a half to 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
- 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 our Open Day, on Sunday 28 August, between 10.00am and 4.00pm.
Being a student at Swinburne is not only about gaining a qualification, it’s about getting real experience through our practical courses, including our renowned Industry-Based Learning program, which gives you paid experience in the workforce while you study. As a Swinburne student you will study in small classes, and may have the opportunity to study part of your course overseas.

You will have the advantage of learning in a caring study environment with exceptional access to your teachers and innovative learning resources. We will help you build skills for life with programs including the Venture Cup, a business-planning competition, and Education Abroad’s student exchange programs.

A wide range of support services at our six campuses will assist you in every aspect of student life and help to ensure you get the most out of your study time.

We will encourage you to develop thinking that is creative, innovative, forward looking and entrepreneurial. This entrepreneurial focus is central to all our activities — learning and teaching, research and the commercialisation of ideas.

At Swinburne we won’t teach you what to think, but how to think and how to get out and make things happen. Our aim is to make you self-sufficient and resourceful enough to create your own opportunities.

For Allissa Oughtred, a Bachelor of Business (Marketing) graduate, Swinburne stood out as a university for its entrepreneurial focus. In 2004 she was a winning team member of Swinburne’s Venture Cup $10,000 business plan competition in the Undergraduate category.

Her business concept, ‘Welcome to the Neighbourhood’ was born after realising the distribution potential for residents of inner-city apartments with locked mailrooms who don’t receive regular pamphlet drops. Working together with body corporates, Allissa is giving residents much-needed access to details on local services, community and council information. The new business is thriving, also winning the 2004 Shell Livewire Small Business Award for Victoria.

Allissa says her involvement in the Venture Cup and its focus on thorough research and business planning was vital to launching the business.

“Having experts go through your business strategy and financials with a fine tooth comb as well as obtaining free advice that would normally cost thousands of dollars definitely gave us a powerful advantage.”
A university that cares
Swinburne realises that there is more to life than study and that sometimes you need a bit of extra support to help you get the most out of your study. There is a full range of student services available at each campus including health services, counselling, housing and residential advice, extra tutoring and disability support, sport and recreation and child care facilities.

Every student also has the opportunity to gain free, personal tutoring and study assistance and advice as well as exam preparation through the TAFE and university Access departments.

The university recognises that sometimes personal factors can get in the way of study and we try to empower students with practical support.

A new program, piloted by the TAFE division called Stop B4 you Drop gives students at risk of dropping out as much chance as possible of continuing with their studies. The program highlights practical options such as changing your course structure to include flexible options such as evening or part-time classes. If you get a job and are concerned that you may not finish your qualification, Recognition of Prior Learning could be available to you.

‘Making the most of Uni life’
Todd Zemek – Swinburne counsellor

“Often at school, students are told that there will be nobody to help them at university. While it is definitely a more independent study environment, it is a myth that you will be completely on your own, with no support.

“In fact, most of the students who perform well at university enjoy ‘uni life’ and get the most out of their experience by using a variety of support options available to them, whether it be study workshops on exam preparation or seeking professional careers advice.

“Swinburne’s counselling services are based at every campus and provide all types of assistance; from answering simple questions, to helping people cope with stress and depression. Free assistance and advice on finance issues, housing, part-time employment, and scholarships is also available.

“At the start of each semester we run Student Academic Support Week during which a series of academic workshops are run aimed at making sure you get all the help all you need to get the most out of study at Swinburne.”
**Kickstart your career**

You don’t have to leave university to get a great job. Giving students a foot in the workforce door with valued industry experience is a key part of Swinburne’s Industry-Based Learning (IBL) program. We call it increasing students’ employability.

More than temporary work experience, IBL gives students a chance to combine study with meaningful, paid work in a variety of industries for 6 or 12 months.

Swinburne’s IBL program is one of the largest of its kind in Australia, offering paid employment to over 400 students annually from over 50 courses in more than 220 companies.

Increasingly, employers look to IBL as a way of recruiting new staff while for students, IBL is a significant opportunity of working out career aspirations and directions.

Students who undertake IBL stand apart from the crowd and often:
- 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

Some students even return to their IBL employer on completion of their degree.

For more information visit [www.swinburne.edu.au/corporate/ili](http://www.swinburne.edu.au/corporate/ili)

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**Alison Baxter**

**Bachelor of Business majoring in Marketing and Psychology**

“I was attracted to Swinburne because of IBL. So many of the job advertisements these days are searching for someone with experience, but it’s impossible to get unless someone gives you a chance. So IBL’s a great way to get your foot in the door and gain some real experience.

“At first I thought I’d be making coffees, but I was treated like a valuable member of the team, and took on more responsibility.

“A key part of my role is sponsorships, which involved assisting with events planned for the Geelong Football Club.

“I definitely finished my course with more than just a piece of paper – I also had a year’s industry experience. I’ve already put the theory I’ve learnt at university into practice!

“Now the experience has opened up many new opportunities for me that I wouldn’t have had otherwise.”

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![AQF Pathways diagram](image)

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

RPL = Recognition of Prior Learning
Study that works for you
Swinburne understands that there are a lot of demands on you to fit in your study with work, family commitments and friends. That's why we've made flexible learning a key philosophy, with courses offered when, where and how you need them.

Part-time study, weekend classes, distance learning and work-based training are just some of the ways that we meet your studying needs.

Some students wish to add an international flavour to their education, and gain the study benefits and life experience that come from travelling to another country. Swinburne has student exchange arrangements with universities in over 23 countries, as well as a range of specialist shorter study tours. Swinburne's Sarawak campus in Malaysia also provides a unique learning opportunity for students on exchange.

Andrew Maguire

Bachelor of Business (Marketing)

"During my second year of study at Swinburne I took up the opportunity to spend a semester at the Sarawak branch campus in Malaysia. I was a recipient of the Reverse Colombo Scholarship that was originally set up by Malaysian graduates. This was a unique opportunity and it added a lot of value to my studies.

"Without a doubt, it helped give me a more rounded view of the world and was also beneficial from a business perspective. Asia is so close to Australia and is very important in the business world so it was a valuable experience.

"You had a chance to really become immersed in the Malaysian culture, make new friends and see life from a different perspective. Overseas study is definitely an opportunity you should consider while you study at Swinburne."
Apprenticeships and Traineeships

Train now to get ahead
Right now you might be at school but not really wanting to be there, or planning on finishing VCE but not sure where to go next. You might have been out of school for a while and would like to get qualified in something, but don’t want to spend all your time in a classroom. An available option is to undertake an apprenticeship or traineeship (called New Apprenticeships) at Swinburne.

New Apprenticeships now exist in almost any industry you can think of, and Swinburne offers them in areas ranging from outdoor recreation, laboratory technology and office administration, to the traditional trades like carpentry, hospitality and horticulture. Whatever choice you make, demand for qualified people in these areas is growing.

How do you begin a New Apprenticeship?
Contacting a New Apprenticeships Centre (NAC) is the first step in the process of becoming a new apprentice or trainee. Do this before contacting Swinburne. There are NACs all over Victoria. To find out the closest one to you check out www.newapprenticeships.gov.au or call 1800 639 629.

It is important to understand that a new apprenticeship is a partnership between yourself, your employer and a registered training organisation (RTO), which could be Swinburne TAFE. If you know of an employer interested in signing you on as an apprentice or trainee, they also need to contact a NAC before contacting a TAFE. The NAC takes care of all of the paperwork.

Pre-Apprenticeships
A pre-apprenticeship is an option available to you before starting an apprenticeship. It allows you to ‘test drive’ a trade before going through the formality of finding an employer and signing up for an apprenticeship – and you can apply directly to Swinburne.

In a pre-apprenticeship course you get to study some apprenticeship modules and you receive a qualification at the end. Most employers now prefer employing people who have completed a pre-apprenticeship as they have some knowledge of the industry and have completed some modules towards their apprenticeship.

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### Pre-Apprenticeships

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<th>Course</th>
<th>Campus</th>
<th>Duration</th>
<th>Career outcome</th>
<th>Entry requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building</td>
<td>Certificate II in General Construction</td>
<td>Croydon</td>
<td>16 weeks full-time</td>
<td>Apprenticeship/employment in the building industry</td>
<td>Year 10 or mature age</td>
</tr>
<tr>
<td>Bricklaying/ Blocklaying</td>
<td>Certificate II in General Construction</td>
<td>Croydon</td>
<td>16 weeks full-time</td>
<td>Apprenticeship/employment in the building industry</td>
<td>Year 10 or mature age</td>
</tr>
<tr>
<td>Electrical</td>
<td>Certificate I in Electrical</td>
<td>Hawthorn or Wantirna</td>
<td>6 months full-time</td>
<td>Apprenticeship/employment in the electrical industry</td>
<td>Year 11 (preferred) or mature age</td>
</tr>
<tr>
<td>Engineering</td>
<td>Certificate I in Engineering</td>
<td>Hawthorn</td>
<td>20 weeks full-time</td>
<td>Apprenticeship/employment in the mechanical or fabrication industries</td>
<td>Year 10 or mature age</td>
</tr>
<tr>
<td>Horticulture</td>
<td>Certificate II in Horticulture</td>
<td>Wantirna</td>
<td>6 months full-time</td>
<td>Apprenticeship/employment in the horticulture industry</td>
<td>Year 10 or mature age</td>
</tr>
<tr>
<td>Hospitality</td>
<td>Certificate II in Hospitality</td>
<td>Lilydale or Prahran</td>
<td>6 months full-time</td>
<td>Apprenticeship/employment in the hospitality industry</td>
<td>Year 11 or mature age</td>
</tr>
<tr>
<td>Painting and Decorating</td>
<td>Certificate II in General Construction</td>
<td>Croydon</td>
<td>16 weeks full-time</td>
<td>Apprenticeship/employment in the building industry</td>
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### New Apprenticeships

- **Apprenticeships**

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<tr>
<td>Automotive</td>
<td>Certificate III in Automotive (Mechanical – Light Vehicle)</td>
<td>Lilydale or Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a motor mechanic</td>
<td>At least 15 years of age and apprenticed to an employer</td>
</tr>
<tr>
<td>Building</td>
<td>Certificate III in General Construction (Carpentry)</td>
<td>Croydon</td>
<td>3 years part-time</td>
<td>Employment as a builder</td>
<td>At least 15 years of age and apprenticed to an employer</td>
</tr>
<tr>
<td>Electrical</td>
<td>Certificate III in Electrotechnology (Systems Electrician)</td>
<td>Hawthorn or Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a registered electrician</td>
<td>At least 15 years of age and apprenticed to an employer</td>
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<tr>
<td>Engineering</td>
<td>Certificate III in Engineering (Mechanical Trade)</td>
<td>Hawthorn or Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a metal trades person</td>
<td>At least 15 years of age and apprenticed to an employer</td>
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<tr>
<td>Horticulture</td>
<td>Certificate III in Horticulture (Floriculture)</td>
<td>Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a qualified flowergrower</td>
<td>At least 15 years of age and apprenticed to an employer</td>
</tr>
<tr>
<td></td>
<td>Certificate III in Horticulture (Landscape)</td>
<td>Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a qualified landscaper</td>
<td>At least 15 years of age and apprenticed to an employer</td>
</tr>
<tr>
<td></td>
<td>Certificate III in Horticulture (Parks and Gardens)</td>
<td>Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a parks and gardens tradesperson</td>
<td>At least 15 years of age and apprenticed to an employer</td>
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### Apprenticeships (continued)

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<th>Duration</th>
<th>Career outcome</th>
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</thead>
<tbody>
<tr>
<td>Horticulture (continued)</td>
<td>Certificate III in Horticulture (Retail Nursery)</td>
<td>Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a qualified retail nursery person</td>
<td>At least 15 years of age and apprenticed to an employer</td>
</tr>
<tr>
<td></td>
<td>Certificate III in Horticulture (Wholesale Nursery)</td>
<td>Wantirna</td>
<td>3 years part-time</td>
<td>Employment as a qualified wholesale nursery person</td>
<td>At least 15 years of age and apprenticed to an employer</td>
</tr>
<tr>
<td>Hospitality</td>
<td>Certificate III in Hospitality (Commercial Cookery)</td>
<td>Lilydale or Prahran</td>
<td>3 years part-time</td>
<td>Employment as a qualified commercial cook</td>
<td>Year 10/11 or mature age and apprenticed to an employer</td>
</tr>
<tr>
<td>Painting and Decorating</td>
<td>Certificate III in General Construction (Painting and Decorating)</td>
<td>Croydon</td>
<td>3 years part-time</td>
<td>Employment as a qualified painter and decorator</td>
<td>At least 15 years of age and apprenticed to an employer</td>
</tr>
</tbody>
</table>

### Traineeships

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<th>Career outcome</th>
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<tbody>
<tr>
<td>Aged Care</td>
<td>Certificate III in Aged Care Work</td>
<td>Croydon</td>
<td>1 year part-time</td>
<td>Employment as aged care or personal care worker</td>
<td>Employed in the aged care industry</td>
</tr>
<tr>
<td>Business</td>
<td>Certificate III in Business</td>
<td>tba</td>
<td>1 year part-time</td>
<td>Employment in the business sector</td>
<td>Employed in the business sector</td>
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<tr>
<td>Administration</td>
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<tr>
<td>Call Centre</td>
<td>Certificate III/IV in Customer Contact</td>
<td>Workplace</td>
<td>2 years part-time</td>
<td>Employment as a qualified call centre operator</td>
<td>Employed in a call centre</td>
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<tr>
<td>Operations</td>
<td></td>
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</tr>
<tr>
<td>Child Care</td>
<td>Certificate III in Children's Services</td>
<td>Workplace</td>
<td>1 year part-time</td>
<td>Employment in a range of children’s services</td>
<td>Employed in the children’s services industry</td>
</tr>
<tr>
<td></td>
<td>Certificate IV in Out of School Hours Care</td>
<td>Croydon or Prahran</td>
<td>1 year part-time</td>
<td>Employment in before school care, after school care, and vacation care</td>
<td>Employed in the OSHC industry</td>
</tr>
<tr>
<td>Disability</td>
<td>Certificate IV in Disability Work</td>
<td>Workplace</td>
<td>1 year full-time</td>
<td>Employment as a disability support officer</td>
<td>Employed in the disability services industry</td>
</tr>
<tr>
<td>Services</td>
<td></td>
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</tr>
<tr>
<td>Finance</td>
<td>Certificate III in Financial Services</td>
<td>Workplace</td>
<td>1 – 2 years part-time</td>
<td>Employment as an accounts clerk, entry level banking or insurance position</td>
<td>Employed in the Finance Industry (accounting, banking or insurance)</td>
</tr>
<tr>
<td>Library and Information Services</td>
<td>Certificate III in Library and Information Services</td>
<td>Prahran</td>
<td>1 year full-time</td>
<td>Employment as a library technician or officer</td>
<td>Employed in a library</td>
</tr>
<tr>
<td>Nursing</td>
<td>Certificate IV in Nursing</td>
<td>tba</td>
<td>tba</td>
<td>Employment as a Division 2 Nurse</td>
<td>Employed in a hospital</td>
</tr>
<tr>
<td>Recreation</td>
<td>Certificate III in Outdoor Recreation</td>
<td>Croydon and Gembrook</td>
<td>1 year full-time</td>
<td>Employment in outdoor education and adventure tourism</td>
<td>Employed in the outdoor recreation industry</td>
</tr>
<tr>
<td>Retail Operations</td>
<td>Certificate II/III in Retail Operations</td>
<td>tba</td>
<td>tba</td>
<td>Employment as a sales assistant in the retail industry</td>
<td>Employed in the retail industry</td>
</tr>
<tr>
<td>Viticulture</td>
<td>Certificate II/III in Food Processing (Wine)</td>
<td>Wantirna</td>
<td>2 – 3 years part-time</td>
<td>Employment as a qualified wine industry worker</td>
<td>Employed in the viticulture industry</td>
</tr>
</tbody>
</table>
Swinburne’s campuses

Croydon campus
12–50 Norton Road
Croydon Vic 3136

Croydon offers TAFE diploma and certificate courses in the areas of 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 range of courses and subjects to meet community needs. There is a special focus on computing and office administration, conservation and land management and outdoor recreation.

Swinburne’s international campus

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 houses the Centre for Regional Development, honours and research students.

Prahran campus is home to the Faculty 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 and horticulture. Short courses in a wide range of subject areas are also offered in either day or evening time slots.

For more information visit www.swinburne.edu.au/coursefinder

The Lilydale campus
Melba Avenue
Lilydale Vic 3140

Prahran campus
144 High Street
Prahran Vic 3181

Wantirna campus
369 Stud Road
Wantirna Vic 3152

Swinburne’s virtual campus tour
www.swinburne.edu.au/campustour

On this site, you can also register for a guided campus tour or download a self-guided campus tour.
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.
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 84 room Residential College features individual fully furnished study/bedrooms with shared bathroom, kitchen, laundry and lounge/recreation facilities. The College offers a safe and supportive environment which is particularly suited to students who have not lived away from home before.

There are also 56 on-campus apartments comprising either two or three bedrooms, providing independent living for more senior students.

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

Lilydale campus

The Lilydale Student Village is located on Lilydale Lake foreshore and provides a tranquil and secure environment for campus life and study. The units are a short walk from academic buildings, leisure facilities and public transport connections. The furnished apartments contain four separately keyed bedrooms, a kitchen, lounge/study room, and storage locker. A common room, central laundry, free parking and BBQ facilities are available to all residents.

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 1712 (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

Swinburne Place

A new student accommodation facility will be opened later this year on the Hawthorn campus. There will be 125 fully furnished apartments providing 371 beds for students who can choose to live in either studio or multi-bedroom share apartments. Telephone (03) 9623 4977 for further information.

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 offers a wide variety of scholarships for new enrolling undergraduate and TAFE students.

Vice-Chancellor’s Scholarships

These scholarships are Full Student Contribution Waiver and are awarded on academic merit. Recipients elect to study any of Swinburne’s single or where appropriate, double degree combinations in the following discipline groups at our Hawthorn and Prahran campuses:

- Engineering (Hawthorn)
- Information Technology (IT)/Science (Hawthorn)
- Business (Hawthorn)
- Arts and Social Science (Hawthorn)
- Design (Prahran)

To be eligible for the Vice-Chancellor’s scholarships students must:

- Have an ENTER of 95 or above, and

Applicants must also apply through VTAC. See the VTAC Guide for details.

Lilydale Scholarships

A range of scholarships from $1,000 to $2,000 are available to commencing and continuing students. These scholarships are awarded on criteria including academic merit, community service, place of residence and interview.

TAFE Scholarships

Swinburne TAFE Scholarships are available in engineering. Recipients will receive payment of all fees for 2006 (enrolment and general service fee) and a cash prize of $500.

Commonwealth Learning Scholarships

In addition to the scholarships offered by Swinburne, the Commonwealth Government has introduced a scholarship initiative for both current and prospective students. There are two types of scholarships – one for educational costs (Commonwealth Education Costs Scholarships) and one for accommodation costs (Commonwealth Accommodation Scholarships). Both are merit based, non-repayable and target students from low income backgrounds. Applications close on 31 January each year.

Equity Scholarships

The Equity Merit Scholarship and Study Grants are available to commencing undergraduates from rural and isolated regions who are able to demonstrate sociological disadvantage including financial and educational disadvantage.

The Equity Merit Scholarship is valued at $10,000 and provides a living away from home allowance of $8,000 for use in a Swinburne residence for the first year of study. An additional allowance, to cover study costs up to the value of $2,000, is also provided. The Equity Merit Study Grants of $3,000 each can be claimed for study related costs, including relocation.

Relocation Awards

The Relocation Award is offered to full-time students who complete their Year 12 in a non-metropolitan area. They are awarded on merit and financial need and are to the value of $1,500 as a one off payment.

For further information visit the scholarships website at: www.swinburne.edu.au/scholarships
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).

In addition to the Commonwealth Supported Places (CSP), fee-paying places (Fee) are available to Australian students who don’t receive a CSP offer but who wish to pay a higher fee to secure a place.

When applying for a course through VTAC, it is vital that you list the correct VTAC course code on your application. CSP courses have codes ending in ‘1’ and Fee courses have codes ending in ‘2’.

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 at Swinburne International, which is responsible for the admission, orientation and support of all international students. Swinburne International can be contacted on (03) 9214 8647 or via email: isueng@swin.edu.au

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

**Biotechnology/Biochemistry**
Bachelor of Science (Biotechnology/Biochemistry)
Campus: Hawthorn
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, Chemistry, Physics or Psychology and in one of Mathematics (any).

Application: VTAC
VTAC code: 34241 (CSP), 34242 (Fee)

2005 Round 1 Clearly-In ENTER: 78.80 (CSP), n/a (Fee)

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/Biochemistry)/Bachelor of Business
Duration: Four years full-time.*

Campus: Hawthorn

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

Application: VTAC
VTAC code: 34241 (CSP), 34242 (Fee)

2005 Round 1 Clearly-In ENTER: 78.80 (CSP), n/a (Fee)

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 21 and 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/Biochemistry)/Bachelor of Arts (Media and Communications)
Duration: Four years full-time.*

Campus: Hawthorn

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

Application: VTAC
VTAC code: 34241 (CSP), 34242 (Fee)

2005 Round 1 Clearly-In ENTER: 78.80 (CSP), n/a (Fee)

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: Healesville/Lilydale
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 incorporating a Certificate IV

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

*Campus*: Hawthorn

*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).

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**Horticulture**

Diploma of Horticulture

*Campus*: Wantirna

*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.

See also ‘Apprenticeships and Traineeships’ on pages 7–9.

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**Forensic Science**

Certificate IV in Forensic Science

*Campus*: Hawthorn

*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.

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**Laboratory Technology**

Diploma of Laboratory Technology with streams in Biological and Environmental Testing, and Biotechnology

*Campus*: Hawthorn

*Duration*: Two years full-time.

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

*Application*: VTAC

*VTAC codes*: 77131 (Laboratory Technology), 77121 (Biological and Environmental Testing), 77011 (Biotechnology)

This course provides specialised education and training for scientific laboratory support staff encompassing a wide range of skills, techniques and processes so graduates are competent to meet the technological and administrative demands of a changing workforce.

Employment as support staff to scientists in research, education and industry. Successful completion of the diploma may allow Pathways into Swinburne’s Bachelor of Health Science (Public and Environmental Health), or one of a range of Bachelor of Science courses.
Viticulture
Diploma of Production Horticulture

Campus: Lilydale

Duration: Diploma: 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 (Diploma full-time) or direct to Swinburne for part-time or Certificate.

VTAC code: 70181

The Diploma aims to provide technical, operational and management skills and knowledge to owners, managers and employees involved in the production of grapes and quality wine.

Employment as a skilled vineyard worker or manager/supervisor, owner/operator.

See also ‘Apprenticeships and Traineeships’ on pages 7–9.

When asked what he thinks of the Bachelor of Science (Biotechnology)/Bachelor of Business degree, third year student Michael White doesn’t hesitate. “I love it. It has lived up to and exceeded my expectations in a lot of ways.”

As a Year 12 student at a private school in Hawthorn, Michael was interested in both science and commerce and not sure what he wanted to pursue. “I went to all the open days at all of the universities around Melbourne. When I went to Swinburne, there were a lot of people around and it was easy to access information. I spoke to some teachers who were pretty persuasive. This particular degree was also recommended by family friends who work in medical research. They said that Swinburne graduates have a reputation for having good practical skills.”

“Secondary school is so structured you can feel lost in the crowd when you go to a big uni. Swinburne has a more personal approach. The smaller class sizes promote interaction and a better learning environment. The first year labs with PhD students were really helpful. You learn how they handled the same problems.”

The double degree course is structured so that most of the science subjects are covered in the first two years, before the emphasis changes to business in third year. Then, students can choose to do an IBL year before completing the final year of the program.

A trip to Nepal in 2001 combining volunteer work with a trek inspired an interest in travel and Michael is keen to pursue an international IBL year in 2006.

Over the summer, he worked at Agrifood, an agricultural biotech company that tests grain samples from all over Australia. “It was great to gain some insight into the work environment in a professional lab. I learnt that the ability of a company to simultaneously harvest creativity, support research, and market new technologies is very important.”

Michael is yet to determine any specific career goals. “I’m interested in working at the interface of science and business, the commercialisation of new ideas, innovation, and understanding how science processes work in business.

“I’d really like to get a graduate business consulting position, but I’m also interested in doing honours, then maybe a PhD.”
BUSINESS, INNOVATION AND MANAGEMENT

Accounting

Advanced Diploma of Accounting incorporating a Diploma and Certificate IV/III
Campus: Hawthorn, Lilydale, Prahran
Note: Certificate III is also offered via off-campus study.
Duration: Two years full-time.
Prerequisite: Successful completion of Year 12 or its equivalent, or mature age.
Application: VTAC.

Bachelor of Business (Accounting)/Advanced Diploma of Accounting
Campus: Hawthorn, Lilydale, Prahran – Advanced Diploma; Lilydale – Degree
Duration: Four years full-time.*
Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC.

Note: The first two years are predominately TAFE studies.

Bachelor of Business (Accounting)
Campus: Lilydale
Duration: Three years full-time or equivalent part-time.*
Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any).
Application: VTAC.

Accounting

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

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: Prahran*

*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.

**Assessment and Workplace Training**

Certificate IV in Assessment and Workplace Training

*Campus: Hawthorn, Wantirna*

*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.

**Asset Finance**

Diploma of Financial Services incorporating a Certificate IV

*Campus: Hawthorn*

*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.

**Banking and Finance**

Diploma of Business (Banking and Finance)

*Campus: Hawthorn*

*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.

**Business**

Bachelor of Business

*Campus: Hawthorn*

*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 (CSP), 34412 (Fee)

*2005 Round 1 Clearly-In ENTER: 75.25 (CSP), 72.45 (Fee)*

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.*
During his Industry-Based Learning (IBL), Andrew Maguire often saw movies months before they reached the cinema. Andrew had the unique opportunity to combine study with a paid IBL role at Disney subsidiary company Buena Vista Home Entertainment, while he completed his Bachelor of Business (Marketing) at Swinburne Lilydale.

As part of his 12-month IBL placement, Andrew attended new release DVD screenings of films as part of his role, which involved working with DVD reviewers in the media and working on websites.

Working in the planning and business development area gave Andrew a different perspective on his studies.

“I was exposed to different areas in the business such as sales and finance and as a result, I’m keen to study postgraduate accounting in the future to further develop my skills in that area.”

As for his current course, Andrew says it gives students many options, with a broad exposure to different areas such as accounting and marketing as well as sociology and human resources. “If you change your mind, or prefer a different area, this course gives you the flexibility to study a variety of subjects.”

While working full-time took some adjustment, Andrew says the IBL program gave him real experience in problem solving and interacting with people. “At first there is a lot of information to absorb but everyone is helpful.”

As well as his IBL experience, Andrew also gained some global study experience as a recipient of the Reverse Colombo Plan scholarship and spending a semester at Swinburne’s branch campus in Sarawak, Malaysia. The scholarship was set up in 2001 by a group of successful Malaysian graduates of Australian universities to mark the 50th anniversary of the Colombo Plan.

“Without a doubt it was an invaluable academic and personal experience. It helps you to develop a more rounded view of the world. Asia is so close to Australia and is very important in business, so from that perspective it was incredibly valuable,” Andrew said.
**Business Management**

Advanced Diploma of Business Management incorporating a Diploma and Certificate IV
Campus: Prahran, Wantirna

**Note:** The Diploma is only offered full-time at Prahran.
**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.

VTAC code: 78221 (Prahran)

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: Hawthorn

**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 (CSP), 34652 (Fee)

2005 Round 1 Clearly-In ENTER: 76.60 (CSP), n/a (Fee)

This course offers the opportunity to undertake a business degree while providing competence and fluency in the Italian 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 Italy.

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

**Business/Social Science**

Bachelor of Business/Bachelor of Social Science
Campus: Lilydale

**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: Full-time – 35141 (CSP), 35142 (Fee)
Part-time – 35231 (CSP), 35232 (Fee)

2005 Round 1 Clearly-In ENTER: n/a (CSP), n/a (Fee)

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, eCommerce, Economics, Economics/Finance, eCulture and Media Studies, Human Resource Management, Management, Marketing, Psychology, Sociology or Tourism.

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

**Call Centre Operations**

See ‘Apprenticeships and Traineeships’ on pages 7–9.
An innovative course with plenty of career options is what attracted Laura Madden to study e-commerce at Swinburne. First studying interactive multimedia as a VET subject in Year 11 and 12, Laura initially enrolled in the TAFE Advanced Diploma of eBusiness.

“I liked the fact that the program combined business and technology into online business operations. It seemed other courses either did one or the other. E-commerce is also an emerging field with plenty of career options.”

After completing the TAFE Advanced Diploma, a solid grade average meant she was able to transfer across to the Bachelor of Business (eCommerce) program.

Her enthusiasm for the course scored her a unique opportunity, as one of five Victorian delegates, to attend the E-ducation without Borders conference in Abu Dhabi this year and present a joint paper responding to the official conference theme: ‘formal and informal online learning and technology-delivered instruction’.

Bringing together more than 500 students from over 70 nations around the world, the conference will explore the impact of new technologies and the concept of ‘e-learning’ at work.

“The opportunity to visit an online university and see how it operates will be invaluable as well as meeting new people and hearing international perspectives on the topic.”

Laura says much of the team project work she will undertake at the conference mirrors the interactive groupwork that is a feature of the Swinburne e-commerce program.

“As part of the course, I’ve worked in cross-campus teams with students, and a lot of the work has been project-focused. We’ve developed e-marketing strategies, and looked at ways that new technologies could be implemented for different businesses.”

“I’ve also had experience in developing websites as part of the studies – it’s a practical course.”

With the applications of e-commerce stretching to a wide variety of industries including retail, healthcare, government and education, Laura says her plans for future careers are always changing.

“I discover a new area or application of e-commerce in my course all the time, but I would really like to set up a successful online business which is basically at the core of this course.”

**eBusiness**

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

Campus: Lilydale, Prahran

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: 70041 (Lilydale), 78081 (Prahran)

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, Lilydale.

**eCommerce**

Bachelor of Business (eCommerce)

Campus: Lilydale

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 (CSP), 35242 (Fee)

2005 Round 1 Clearly-In ENTER: 55.90 (CSP), n/a (Fee)

eCommerce is a growing area of interest for businesses as they transform themselves to take advantage of the power of electronic communications. This course explores the impact of electronic technologies on: buying and selling, business to business relationships, internal business process, business structure, organisational knowledge and the process of innovation.

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: Hawthorn, Lilydale, Wantirna

Note: Diploma/Certificate IV is offered full-time at Lilydale campus only. The Certificate IV is also offered via off-campus study.

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 off-campus study.

VTAC code: 70291 (Lilydale)

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.

**International Business**

Bachelor of Business (International Business)

Campus: Hawthorn**

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 (CSP), 34412 (Fee)

2005 Round 1 Clearly-In ENTER: 75.25 (CSP), 72.45 (Fee)

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

Graduates will find rewarding careers in legal and trade sections of import/export companies, finance, marketing, tourism, hospitality, government departments, multinational companies and financial institutions that seek to serve international clients.

**International Business/Italian**

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

Campus: Hawthorn**

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 (CSP), 34652 (Fee)

2005 Round 1 Clearly-In ENTER: 76.60 (CSP), n/a (Fee)

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: Hawthorn**

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 (CSP), 34802 (Fee)

2005 Round 1 Clearly-In ENTER: 75.75 (CSP), n/a (Fee)

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: Hawthorn, Wantirna
Duration: Two years full-time.
Prerequisite: Successful completion of Year 12 or its equivalent, or mature age.
Application: VTAC
VTAC code: 77051 (Hawthorn), 71071 (Wantirna)

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: Prahran
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.

See also ‘Apprenticeships and Traineeships’ on pages 7–9.

Marketing

Advanced Diploma of Business (Marketing) incorporating a Diploma and Certificate IV/III

Campus: Hawthorn, Lilydale
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 (Hawthorn), 70301 (Lilydale)

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.
Marketing
Bachelor of Business/Advanced Diploma of Business (Marketing)
Campus: Lilydale
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 (CSP), 35172 (Fee)
2005 Round 1 Clearly-In ENTER: 62.30 (CSP), n/a (Fee)
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: Hawthorn
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 (CSP), 34412 (Fee)
2005 Round 1 Clearly-In ENTER: 75.25 (CSP), 72.45 (Fee)
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: Prahran
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.
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 Property (Real Estate Agency Practice)
Course in Property (Agents' Representatives)
Campus: Croydon, Prahran or off-campus study.
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: Croydon, Hawthorn, Lilydale
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.
Comprehensive education in Computing and Information Technology is offered at Swinburne, providing students with the skills and knowledge needed for successful careers.

**Computer Applications**
- **Certificate II in Information Technology (Applications)**
  - Campus: Croydon, Hawthorn, Healesville, Prahran, Wantirna
  - Duration: One year full-time or equivalent part-time.
  - 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.

**Computer Science**
- **Advanced Diploma of Computer Science with streams in Multimedia, Instrumentation, and Software Development**
  - Campus: Hawthorn
  - Duration: Two years full-time.
  - Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent. Mature-age applicants will be considered on a case-by-case basis.
  - Application: VTAC
  - VTAC code: 77301

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. Topics covered include multimedia in science and games development in science.

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.

**Bachelor of Computing**
- Campus: Hawthorn
  - Duration: Three years full-time.*
  - VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any) and Units 1 and 2 – General Mathematics or Mathematical Methods.
  - Application: VTAC
  - VTAC code: tba

2005 Round 1 Clearly-In ENTER: new course for 2006

This general course of study in computing includes programming, systems analysis and design, software engineering, database, data communications and information systems, a practical project and a choice of electives. Students have an opportunity to specialise in software development, information systems development, networks, or games and multimedia. There is also the opportunity to study a number of subjects in another discipline such as business, psychology or design.

Graduates can seek employment in computer programming, internet systems development, multimedia software development, systems analysis and design, database administration and computer network support.

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

Bachelor of Information Systems

*Campus: Hawthorn*

*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 (CSP), 34642 (Fee)*

*2005 Round 1 Clearly-In ENTER: 71.00 (CSP), n/a (Fee)*

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: Hawthorn*

*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: 34641 (CSP), 34642 (Fee)*

*2005 Round 1 Clearly-In ENTER: 71.00 (CSP), n/a (Fee)*

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 systems to solve business problems. Information Systems expertise in areas such as business and systems analysis, project management, the provision of IS services, and the management of information systems, are combined with business specialisations in areas such as Accounting, Business Law#, Economics#, Finance or Human Resource Management.

Graduates will have the advantage of having expertise in one or more areas of business, in understanding the role and contribution of information systems in driving and enabling the achievement of business goals and objectives, and in managing the vital information systems resource in organisations.

# Available as a minor study sequence only

**Information Technology – Beginners**

Certificate I in Information Technology

*Campus: Croydon, Lilydale, Prahran, Wantirna*

*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.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.*
Certificate IV in Information Technology
Campus: Hawthorn, Prahran, Wantirna
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.

Bachelor of Information Technology
Campus: Hawthorn
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: 34311
2005 Round 1 Clear-In ENTER: Individual offer.
This degree offers students ‘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 $33,500 paid over the duration of the course (tax free), 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.

James Ellis’ Bachelor of Information Systems/Bachelor of Business degree has taken him to Crete and Canada for student exchange visits and now he has taken up an opportunity to spend a year in the workforce while completing his degree.
In the third year of his double degree, James is putting his technical and business skills to good use in an IBL placement at Holden’s business risk management subsidiary.
Officially an internal control analyst, James says the unit sits independently of Holden’s main divisions, with its core function being risk assessment for the company, especially in IT systems – where James’ blend of skills come into play. “There is a lot of problem solving involved, and on a day-to-day basis, my job combines both business and IT. It’s also highly analytical – we provide feedback and assessments as well as identifying any potential weaknesses in systems before they become a problem.
“This analysis covers all aspects of the business from marketing and sales through to engineering, which is a good way to see how business processes work at all stages. Working amongst it makes the coursework and theory come alive.”
The autonomy and broad scope of his role typifies many IBL placements, where students are treated as integral team members, gaining a more valuable insight into the workforce with six and twelve-month employment placements. “When you first start, you’re pretty green, James admits, but then you get to know everyone and you never stop learning. I work in a team of five and we work quite closely together.
“In this area of the business, you are dealing with confidential business issues and senior management which as a student you would normally not get a chance to do,” he says.
The placement also included a trip to New Zealand to help assist in a review of Holden New Zealand’s operations.
He says the IBL has been somewhat of a launching pad for his career, giving him an edge among other IT graduates. Through contacts at Holden, James has begun a contract position within KPMG’s Information Risk Management Group.
Information Technology and Software Engineering
Bachelor of Technology (Information Technology and Software Engineering)
Campus: Lilydale
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: Full-time – 35271 (CSP), 35272 (Fee)
Part-time – 35301 (CSP), 35302 (Fee)
2005 Round 1 Fringe ENTER: 56.45 (CSP), n/a (Fee)
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: Hawthorn, Wantirna
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 (Lilydale), 78131 (Prahran), 71061 (Wantirna)
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: Croydon, Lilydale, Wantirna
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: Lilydale, Prahran, Wantirna
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 (Lilydale), 78131 (Prahran), 71061 (Wantirna)
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.

Bachelor of Science (Professional Software Development)
Campus: Hawthorn
Duration: Three years full-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any) and Units 1 and 2 – General Mathematics or Mathematical Methods.
Application: VTAC
VTAC code: tba
2005 Round 1 Clearly-In ENTER: new course for 2006
This course aims to produce graduates who have professional level knowledge and skills in software development. It covers current languages, tools, processes and technology. It has a major emphasis on working on real-world projects in development teams.
Graduates will be prepared not only to work in traditional technical areas of programming, analysis and web systems development, but also, through their strong knowledge of software engineering processes, to contribute to the management of emerging modes of software development including outsourcing and offshoring.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
**Vice-Chancellor’s Scholarship**

Vice-Chancellor’s Scholarship – Information Technology/Science

**Campus:** Hawthorn

**Prerequisite:** Successful completion of an appropriate Victorian Year 12 or its equivalent, with a minimum of 95.00. *Refer to individual course entries for specific prerequisites.*

**Application:** VTAC

VTAC code: 34621

2005 Round 1 Clearly-In ENTER: 95.05

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

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**Website Development**

Diploma of Information Technology (Website Development)

**Campus:** Lilydale, Prahran, Wantirna

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

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

**Application:** VTAC

VTAC code: 70231 (Lilydale), 78211 (Prahran), 71121 (Wantirna)

This course will prepare students to work in all areas of website development such as the integration of internal business systems with a browser interface, designing the processes and architecture of an enterprise’s Internet presence, aligning the client’s web presence with its business strategy and specifying e-business application system requirements.

Graduates may function at a senior operative level with responsibilities spanning design, development, site performance, database integration through to implementation and acceptance testing.

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“**It is still amazing to think that something I worked on in my Diploma of Information Technology: Software Development** at TAFE is being used by research companies over Europe,” says **Shaun Ervine**.

He is talking about the Crystallography Laboratory Information Management System (CLIMS) software program that was developed in a TAFE classroom and is now used by scientists at the Institute of Cancer Research in London, the Pasteur Institute in France and the European Molecular Biology Lab in Germany.

“I started out doing a Network Engineering course at Swinburne and one of the modules was programming. I really enjoyed this module so I talked to some teachers and switched courses half way through to pursue computer programming.

“The course was great. It gave me a lot of practical experience, particularly the six-month project we undertook at the end of the year. It gave me a chance to work with real clients and gain valuable experience that I was able to take into the workforce.”

Shaun was the team leader for the CLIMS project during his final year in 2003, when a team of six students worked closely with their client to create a computer program that could instantly analyse huge volumes of data unique to protein crystallography, which analyses the structure of proteins – the building blocks of human life.

Shaun says working on the CLIMS project taught him how to make compromises with the client on which parts of the application were feasible and which were not.

“Having exposure to such a great application like CLIMS has been a serious advantage in my career. Being able to work on a real life application, with real clients was a great experience!”

Shaun is now working for boutique IT consultancy Shine Technologies with clients including Fly Buys, AGL and Sensis.
Communication Design

Bachelor of Design (Communication Design)

Campus: Prahran

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 (CSP), 36102 (Fee)

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, education and research.

Employment may be found in design consultancy, advertising, publishing, merchandising, government instrumentality.

Graphic Design

Certificate IV in Arts (Applied Design)

Campus: Lilydale, Prahran, Wantirna

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 (Lilydale), 78011 (Prahran), 71011 (Wantirna)

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 Faculty of Design.

Students who complete the Certificate at Lilydale and Wantirna campuses, will get a direct interview with the Faculty of Design. No pre-selection process is necessary.

Graphic Art

Diploma of Arts (Graphic Art)

Campus: Prahran

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

* An optional year of Industry Placement (IP) may also be available.
**Industrial Design**

Bachelor of Design (Industrial Design)

Campus: Prahran

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 Mathematics (any) and in one of Visual Communication and Design, Design and Technology and/or Physics.

Application: VTAC

VTAC code: 36201 (CSP), 36202 (Fee)

2005 Round 1 Clearly-In ENTER: 76.45 (CSP), n/a (Fee)

Students learn a variety of presentation and communication techniques including digital modelling and model-making utilising a wide range of industry software and workshop based prototyping facilities. New materials and manufacturing techniques are explored with a view to creating product concepts for the future. The creative and technological thrust of the program is supported by business studies, professional practice, consumer knowledge, and ethics.

Employment opportunities exist in industry sectors such as furniture, automotive, sporting equipment, medical, exhibition, and set design.

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**Interior Design**

Bachelor of Design (Interior Design)

Campus: Prahran

Duration: Three years full-time.*

VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any), and in Visual Communication and Design and/or Studio Art.

Application: VTAC

VTAC code: 36031 (CSP), 36032 (Fee)

2005 Round 1 Clearly-In ENTER: 75.40 (CSP), n/a (Fee)

This course deals with the design of exhibitions (such as trade shows, events and museum displays), public environments (for example theatres, cinemas, government agencies and institutions) and commercial spaces (including restaurants, offices, hotels, shopping areas and airports). Design projects typically cover the construction of 3D space, surface treatments, materials, lighting, sound, fittings and furniture design.

Employment opportunities exist in interior and exhibition design, hotel/retail design, theatre design, museum design, computer aided design, design management.

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*An optional and additional year of Industry Placement (IP) may also be available.

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Anita Hatters’ industrial design career received a $10,000 boost when she won the inaugural John Moran Memorial design award while she was undertaking her Bachelor of Interior Design course.

With a design signature that includes bold colours and simple shapes, Anita said that the award was a powerful motivator. “I guess the biggest impact this has had on me is the fact that the design work I do now, is recognised in the industry.”

One of the creations attracting the strongest commendations from the judges was her Lily bar stool – a unique design inspired by the shape of an Australian orchid. Some of her other furniture designs included a dining table that converted into a kitchen bench and stools.

Anita plans to use part of the prize to visit overseas, and in particular the Milan Furniture Fair where she will seek more inspiration for her designs and where her Lily stool will be exhibited.

“I am looking forward to the opportunities that lie ahead of me. I am hoping to work as a consultant in a furniture design company where I will finally have the chance to work with real clients on a variety of design projects and briefs.”

With plenty of experience gained throughout her degree and during her Honours year, Anita says she is guided by fundamental principles in her design work. “It sounds simple but I think the most important thing is to ensure that the object is as functional as it is attractive. If you can achieve these two things then you should be on to a winner. If a couch isn’t comfortable then what’s the point in making it?”

The interior design course helped develop Anita’s 3D visualization skills, from concept sketching, model-making and computer-aided design. “You are taught to communicate your idea confidently and convincingly, which is vital in the planning stages.”

Anita says the course has helped her follow her long-term goal to succeed in the world of furniture design.
Multimedia Design

Bachelor of Design (Multimedia Design)

Campus: Prahran

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, Computer Science, or Technological Design and Development.

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

VTAC code: 36001 (CSP), 36002 (Fee)

2005 Round 1 Clearly-In ENTER: RC

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: Wantirna

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.

Product Design Engineering

Bachelor of Engineering (Product Design Engineering)

Campus: Hawthorn/Prahran

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 or Specialist Mathematics.

Application: VTAC

VTAC code: 34121 (CSP), 34122 (Fee)

2004 Round 1 Clearly-In ENTER: RC

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.

* An optional year of Placement (IP) may also be available.
Air Transportation Management

Bachelor of Technology (Air Transportation Management)
Campus: Hawthorn
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 (CSP), 34422 (Fee)

2005 Round 1 Clearly-In ENTER: 77.40 (CSP), n/a (Fee)

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: Hawthorn
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 (CSP), 34422 (Fee)

2005 Round 1 Clearly-In ENTER: 77.40 (CSP), n/a (Fee)

The aim of this course is to prepare students for professional careers in the airline 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 (Repair, Service and Retail)

Certificate IV in Automotive
Campus: Wantirna
Duration: Two years part-time.

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

Application: Direct to Swinburne.

Aviation

Advanced Diploma of Technology (Aviation) incorporating a Diploma and Certificate IV
Campus: Hawthorn and Moorabbin Airport
Duration: Two years full-time.

VCE Prerequisite: Units 1 and 2 – General Mathematics and Units 3 and 4 – English (any). A pass in Physics is desirable but not essential.

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

This course provides the basis for employment 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 aeroplane 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).
**Aviation**

Bachelor of Technology (Aviation)

Campus: Hawthorn

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 (CSP), 34512 (Fee)

2005 Round 1 Fringe ENTER: 76.45 (CSP), n/a (Fee)

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.

**Aviation/Business**

Bachelor of Technology (Aviation)/Bachelor of Business

Campus: Hawthorn

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 (CSP), 34512 (Fee)

2005 Round 1 Fringe ENTER: 76.45 (CSP), n/a (Fee)

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.

**Biomedical Engineering**

Bachelor of Engineering (Biomedical Engineering)

Campus: Hawthorn

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 (CSP), 34682 (Fee)

2005 Round 1 Clearly-In ENTER: 76.45 (CSP), n/a (Fee)

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.

**Building**

Certificate IV in Building

Campus: Croydon

Duration: Three years part-time (2 nights per week/35 weeks).

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.

See also ‘Apprenticeships and Traineeships’ on pages 7–9.

**Building Design and Technology**

Diploma of Building (Design and Technology)

Campus: Croydon

Duration: Two years full-time.

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

Application: VTAC

VTAC code: 70191

This course covers building theory and practice related to residential, industrial and commercial buildings. Graduates will have developed specialist skills and knowledge in design, problem solving, construction technology, full project documentation, CAD, project administration and office practice, including quality assurance.

Employment as an architectural technician, building designer.

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

Bachelor of Engineering (Civil Engineering)
Campus: Hawthorn
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 (CSP), 34692 (Fee)
2005 Round 1 Clearly-In ENTER: 75.20 (CSP), n/a (Fee)

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.

Civil Engineering/Business

Bachelor of Engineering (Civil Engineering)/Bachelor of Business
Campus: Hawthorn
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 (CSP), 34692 (Fee)
2005 Round 1 Clearly-In ENTER: 75.20 (CSP), n/a (Fee)

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: Hawthorn
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

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: Wantirna
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.

See also ‘Apprenticeships and Traineeships’ on pages 7–9.

Electronics and Computer Systems

Bachelor of Engineering (Electronics and Computer Systems)
Campus: Hawthorn
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 (CSP), 34592 (Fee)
2005 Round 1 Clearly-In ENTER: 75.25 (CSP), n/a (Fee)

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.

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

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

Campus: Hawthorn

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 (CSP), 34592 (Fee)

2005 Round 1 Clearly-In ENTER: 75.25 (CSP), n/a (Fee)

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.

**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: Hawthorn

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 (CSP), 34592 (Fee)

2005 Round 1 Clearly-In ENTER: 75.25 (CSP), n/a (Fee)

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: Hawthorn, Wantirna

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 (Hawthorn), 70431 (Wantirna)

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.

See also ‘Apprenticeships and Traineeships’ on pages 7–9.

**Engineering Technology (Post Trade)**

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

Campus: Hawthorn, Wantirna

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.

See also ‘Apprenticeships and Traineeships’ on pages 7–9.

**Fabrication Trade**

See ‘Apprenticeships and Traineeships’ on pages 7–9.

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
A love of motorsports initially drew Nicki Powell to the Bachelor of Engineering (Mechanical) course, which she soon found opened her eyes up to the ‘real’ world of engineering.

Competing in the annual Society of Automotive Engineers’ Australia (SAE-A) inter-university formula racing competition was the most challenging yet rewarding part of the course. Requiring engineering students to form business ‘teams’, the competition sees students designing, building and racing their own formula-style racing car.

“The SAE race is looked upon favourably by employees because it mirrors the demands of the modern engineering industry where you work within teams to meet multiple deadlines.

“You also get to work closely with representatives from all facets of the automotive industry. I took pride in being able to get practical results: you can actually look at the car and know that you helped to design and engineer it. After the competition is over, everyone gets to drive the car!”

The project’s teamwork and collaboration helped Nicki get more out of her university experience. “It’s a chance to get away from textbook concepts and formulas and actually get your hands dirty.”

“I developed a lot of close friendships from the SAE project as we shared the same fun experiences and excitement of the competition.”

Nicki says knowing she wanted to work in the automotive industry helped motivate her throughout the course. Like many Swinburne students, the chance to take up an IBL position at Holden wasn’t missed. Working as a program controller gave her more opportunities to apply her skills to the world of industry.

As part of the project management team, Nicki liaised closely with staff from Holden’s engineering, purchasing, marketing and manufacturing teams and visited the company’s Adelaide-based vehicle assembly plant.
**Mechanical Engineering/Business**

Bachelor of Engineering (Mechanical Engineering)/Bachelor of Business

Campus: Hawthorn

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 (CSP), 34612 (Fee)

2005 Round 1 Clearly-In ENTER: 75.10 (CSP), n/a (Fee)

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: Hawthorn

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 drafters persons, project engineer, contracts engineer, sales engineer technical officer.

**Photronics**

Bachelor of Science (Photronics)

Campus: Hawthorn

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 (CSP), 34012 (Fee)

2005 Round 1 Clearly-In ENTER: 78.85 (CSP), n/a (Fee)

Photronics 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 photronics (light, lasers, optics, optoelectronics) and its application in the telecommunications industry.

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

**Photronics/Telecommunications and Internet Technologies**

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

Campus: Hawthorn

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 (CSP), 34012 (Fee)

2005 Round 1 Clearly-In ENTER: 78.85 (CSP), n/a (Fee)

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

Professional careers in the converging telecommunications and internet industries, or research and development photronics-based research.

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

Bachelor of Engineering (Product Design Engineering)
Campus: Hawthorn/Prahran
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 or Specialist Mathematics.
Application: VTAC
VTAC code: 34121 (CSP), 34122 (Fee)
2005 Round 1 Clearly-In ENTER: RC

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: Hawthorn
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.

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.
**Robotics and Mechatronics**

Advanced Diploma of Engineering Technology incorporating a Diploma

**Campus:** Hawthorn  
**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: 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, pneumatic, hydraulic and electrical controls and drives, robotics, automated production systems, consumer goods, food processing, petrochemicals and defence systems.

**Robotics and Mechatronics**

Bachelor of Engineering (Robotics and Mechatronics)

**Campus:** Hawthorn  
**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, Physics, Psychology, Information Technology: Information Systems or Specialist Mathematics.

**Application:** VTAC

VTAC code: 34581 (CSP), 34582 (Fee)  
2005 Round 1 Clearly-In ENTER: 88.75 (CSP), n/a (Fee)

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 micromachines 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:** Hawthorn  
**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 (CSP), 34992 (Fee)  
2005 Round 1 Clearly-In ENTER: 88.75 (CSP), n/a (Fee)

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.

**Telecommunications and Internet Technologies**

Bachelor of Engineering (Telecommunications and Internet Technologies)

**Campus:** Hawthorn  
**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 one of Mathematical Methods or Specialist Mathematics.

**Application:** VTAC

VTAC code: 34201 (CSP), 34202 (Fee)  
2005 Round 1 Clearly-In ENTER: 76.75 (CSP), n/a (Fee)

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.

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

Duration: Five 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 one of Mathematical Methods or Specialist Mathematics.

Application: VTAC

VTAC code: 34791 (CSP), 34792 (Fee)

2005 Round 1 Clearly-In ENTER: n/a

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: Hawthorn

Prerequisite: Successful completion of an appropriate Victorian Year 12 or its equivalent, with a minimum ENTER of 95.00. Refer to individual course entries for specific prerequisites.

Application: VTAC

VTAC code: 34531

2005 Round 1 Clearly-In ENTER: 95.00

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

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

Aged Care Work
Certificate III in Aged Care Work and Certificate III in Home and Community Care (both studied concurrently)
Campus: Croydon
Duration: One year part-time.
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.
See also ‘Apprenticeships and Traineeships’ on pages 7–9.

Alcohol and Other Drugs Work
Certificate IV in Alcohol and Other Drugs Work
Campus: Croydon (part-time), Prahran (full-time) 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 / Chemistry
Bachelor of Science (Biochemistry/Chemistry)
Campus: Hawthorn
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, Chemistry, Physics or Psychology and in one of Mathematics (any).
Application: VTAC
VTAC code: 34241 (CSP), 34242 (Fee)
2005 Round 1 Clearly-In ENTER: 78.80 (CSP), n/a (Fee)
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: Hawthorn
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 (CSP), 34682 (Fee)
2005 Round 1 Clearly-In ENTER: 76.45 (CSP), n/a (Fee)
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.
Mature-age student Daniel Uhe was looking for a career change when he enrolled in the Certificate IV in Youth Work and the Certificate IV in Alcohol and Other Drugs in 2003. “I had worked with people in a number of different jobs and I wanted to improve the personal skills that I had,” he says.

Daniel had never enjoyed schooling, but found the teachers at Swinburne sparked an interest in study.

“They were able to engage people from a variety of backgrounds and encourage them to work together.

“The teachers were good at confidence-building and moulded the students to work together in real life. They have a genuine passion that flows through to prepare you for the workforce.”

Daniel found the course provided valuable practical experience and covered a lot in one year. As part of the certificate program, he completed a fieldwork placement with Lion’s Licola which runs week-long camping programs for disadvantaged children. There he worked as a leader responsible for a group of children aged eight to twelve.

Alongside his coursework, Daniel also participated in voluntary work at Anglicare in Lilydale, applying what he was learning to the Peaceful Warriors male mentoring program that targets 9–14 year old boys in foster care.

“The aim is to present positive male role models, providing alternative strategies for anger management,” says Daniel. He enjoyed working with the young men and fellow mentors and has continued his volunteer work with Anglicare.

Daniel’s contribution to the Certificate IV course and his strong commitment to the youth work industry earned him the 2004 Maurie Curwood award. He plans to continue in the human services field and hopes to return to Swinburne to undertake further study in psychology.
Children's Services – Centre Based Care
Diploma of Children's Services
Certificate II/III are also offered
Campus: Croydon, Prahran
Note: Certificate II is only offered at Croydon
Duration: Two years full-time or three years 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 (Croydon), 78051 (Prahran)
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.
See also ‘Apprenticeships and Traineeships’ on pages 7–9.

Children's Services – Out of School Hours Care
Diploma of Out of School Hours Care
Certificate IV in Out of School Hours Care
Campus: Croydon, Prahran, Off-Campus (Coburg)
Duration: Two years.
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.
See also ‘Apprenticeships and Traineeships’ on pages 7–9.

Community Development
Diploma of Community Development
Campus: Croydon, Prahran
Duration: Two years full-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.

Community Services – Management
Advanced Diploma of Community Services (Management)
Campus: Croydon, Workplace
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: Croydon or Workplace (Certificate IV only).
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.
See also ‘Apprenticeships and Traineeships’ on pages 7–9.

Lifestyle and Leisure
Diploma of Community Services (Lifestyle and Leisure)
Campus: Prahran
Duration: Two years full-time.
Prerequisite: Preference is given to people with experience working in life style and leisure/diversional therapy.
Application: Direct to Swinburne.
Providing leisure opportunities for people in different settings (aged care, rehabilitation, acute care, community programs, mental health areas 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 and lifestyle and leisure worker.
Nursing
Certificate IV in Health (Nursing)
Campus: Croydon, Prahran
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: Hawthorn
Duration: Three years part-time.
Prerequisite: Work experience and a demonstrated interest in OH&S.
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
Campus: Healesville 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: Applicants must complete an online Profile application form at www.adventurepro.com.au/swinburne and attend an information and interview day at Eildon in November.
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: Prahran
Duration: 120 hours part-time including field experience.
Prerequisite: Formal qualifications in community and family support and/or health and/or education and/or extensive experience working with children. Applicants are required to show maturity and understanding in working with people.
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: Hawthorn
Duration: Three years full-time.*
VCE Prerequisite: Units 3 and 4 – a study score of at least 25 in English (any) and Mathematics (any) and in one of Biology, Chemistry, Physics or Psychology.
Application: VTAC
VTAC code: 34161 (CSP), 34162 (Fee)
2005 Round 1 Clearly-In ENTER: 77.15 (CSP), n/a (Fee)
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.
A fascination for the function and anatomy of the brain drew Laila Hugrass to embark on the Bachelor of Science in Psychology and Psychophysiology.

“Psychophysiology sounded really interesting. When I studied psychology at school in Year 11 and 12, I found I was more interested in the biological side – how the structure of the brain affects behaviour in general. I did some research on the Internet and looked in the VTAC guide, and Swinburne seemed to be the only university offering such a course.”

As a second year student at Swinburne, Laila is looking forward to extending her first year studies. “First year was very general. We did an overview of different perspectives in psychology, although in psychophysiology we did interesting things like looking at electroencephalograms (EEGs) which record electrical activity in the brain. It should be a lot more detailed this year.”

Laila grew up in Armidale, NSW and in 2000 her family moved to Tasmania, where her father is an engineering lecturer at the Launceston campus of the University of Tasmania.

Instead of completing the Tasmanian Certificate of Education in Year 12, Laila undertook an international baccalaureate because of the range of subjects offered. Her score translated into an impressive 98.4 ENTER and earned her a Vice Chancellor’s scholarship at Swinburne under which HECS fees are waived for the duration of her course.

City life and shared housing have been new experiences for Laila. She spent most of her first year settling into living in a shared house with strangers, but this year has moved in with friends close to the Hawthorn campus.

Laila has an open mind regarding career options. “I plan to take it as it comes. I used to think I’d like to do lots more study and do a PhD. But maybe I’ll work and get more experience. Eventually I’d like to work in a hospital with brain damaged patients.”
Public and Environmental Health

Bachelor of Health Science (Public and Environmental Health)
Campus: Hawthorn
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 (CSP), 34052 (Fee)

2005 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: Croydon
Duration: One year part-time.

Prerequisite: Successful completion of the Certificate IV in Massage Therapy or its equivalent.

Application: Direct to Swinburne.

This course covers a variety of remedial massage techniques with particular emphasis on human anatomy, orthopedic assessment, diagnostic imaging, biomechanics and exercise, sport injury management and clinical placements.

Graduates will be eligible to gain WorkCover registration and work with referrals from general practitioners in a health care clinic or self employment.

Sport Development

Diploma of Sport Development incorporating a Certificate IV
Campus: Hawthorn
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.

Employment in the recreation industry.

Welfare Work

Diploma of Community Welfare Work
Campus: Croydon, Prahran
Duration: Two years full-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 in conjunction with the Certificate IV in Community Services (Protective Care)
Campus: Croydon, Prahran
Duration: One year full-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

**Events Management**
Diploma of Event Management incorporating a Certificate III
Campus: Prahran
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.

**Hospitality – Management**
Diploma of Hospitality (Management)
Campus: Lilydale, Prahran
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: 70211 (Lilydale), 78571 (Prahran)
This course aims to develop a broad awareness and understanding of the hospitality industry. The skills and competencies attained at the Diploma level reflect those required by managers and supervisors.
Employment may be found in hospitality operations at a supervisory level or further study at the degree level.
See also 'Apprenticeships and Traineeships' on pages 7–9.

**Tourism – Operations Management**
Diploma of Tourism (Operations Management) incorporating a Certificate III/II
Campus: Lilydale
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, event 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: Lilydale
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: Full-time – 35031 (CSP), 35032 (Fee)
Part-time – 35521 (CSP), 35522 (Fee)
2005 Round 1 Clearly-In ENTER: 54.50 (CSP), n/a (Fee)
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.

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

Bachelor of Business (Tourism and Management) and Diploma of Hospitality (Management)

Campus: Lilydale

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 (CSP), 35052 (Fee)

2005 Round 1 Clearly-In ENTER: 54.95 (CSP), n/a (Fee)

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.

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

For 21-year-old Jana King, time spent sipping champagne isn’t always an indulgence. The third year dual award Bachelor of Business (Tourism and Management)/Diploma in Hospitality Management student could be honing her skills for another wine tasting competition.

Last year on the recommendation of her TAFE teacher, she entered the 2004 International Vin de Champagne Awards. Although she’d been raised in Rutherglen, one of Australia’s premier wine producing regions, Jana had only recently developed an interest in champagne.

After studying the history, manufacture and taste of champagne and the 300-year-old industry from which it originates, she entered the student section of the awards and became a state finalist. She was flown to Sydney to participate in the award finals where she completed a blind tasting and earned the title of runner-up.

It’s been an unexpected highlight of Jana’s studies at Swinburne, Lilydale where the dual award qualification allows her to study at TAFE and university concurrently.

“When I left school I wanted to learn the practical side of the hospitality industry as well as the more theoretical side. With the dual award you get the hands-on experience of working in a restaurant kitchen through the TAFE diploma, while the university degree gives you the management theory.”

Jana believes that graduating with a dual qualification will give her better credentials that will make her more employable. She hopes to be able to branch out into event and conference management.

As a young student living away from her home town, Jana has enjoyed living on campus in the student village at Lilydale. “I like it because although there are a lot of people there, it’s not cramped and it’s very social. Everyone’s very friendly.”
**Business Marketing**

Bachelor of Multimedia (Business Marketing)

*Campus: Hawthorn and Prahran*

*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 (CSP), 34062 (Fee)*

*2005 Round 1 Clearly-In ENTER: 78.45 (CSP), n/a (Fee)*

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.

**Digital Film and Television**

Advanced Diploma of Screen (Digital Film and Television)

*Campus: Prahran*

*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 and direct to Swinburne (both are required).*

All applicants are also required to complete a Supplementary Application Form and present a folio of work at interview.

*VTAC code: tba*

This course provides participants with an in-depth knowledge of the film making production process and its related technical aspects of camera operation, sound recording, non-linear editing, script development and interpretation, and project management.

Employment may be found in the film and television industry or as independent producers, directors, editors and special effects developers. Successful completion of the course may also allow Pathways to the Bachelor of Design (Multimedia Design) or the Bachelor of Film and Television at the Faculty of Design.

**Film and Television**

Bachelor of Film and Television

*Campus: Prahran*

*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 (CSP), 36322 (Fee)*

*2005 Round 1 Clearly-In ENTER: 87.60 (CSP), n/a (Fee)*

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.

**Games and Interactivity/Computer Science and Software Engineering**

Bachelor of Multimedia (Games and Interactivity)/Bachelor of Science (Computer Science and Software Engineering)

*Campus: Hawthorn and Prahran*

*Duration: Four years full-time.*

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

*Application: VTAC*

*VTAC code: 34721 (CSP), 34722 (Fee)*

*2005 Round 1 Clearly-In ENTER: 81.15 (CSP), n/a (Fee)*

This double degree aims to provide students with a broad range of multimedia production skills combined with extensive skills in the software engineering and development required to develop games and interactive applications, in addition to a solid foundation in the history and theory of 2D and 3D games for employment in the following areas; games journalism, games research, interface design.

Career outcomes include: web authoring for electronic publications and news broadcasts, computer authoring and information architecture, 3D animation, non-linear video production and interactive television.

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

Bachelor of Technology (Interactive Multimedia)

Campus: Lilydale

*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: Full-time – 35261 (CSP), 35262 (Fee)
Part-time – 35311 (CSP), 35312 (Fee)

2005 Round 1 Clearly-In ENTER: 54.25 (CSP), n/a (Fee)

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.

**Media Studies**

Bachelor of Multimedia (Media Studies)

Campus: Hawthorn and Prahran

*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: 34081 (CSP), 34082 (Fee)

2005 Round 1 Clearly-In ENTER: 75.25 (CSP), n/a (Fee)

This course serves the needs of those wishing to pursue a multimedia-oriented career, particularly related to the production and design of multimedia applications in their respective chosen discipline, as expressed by the co-major. The course will equip graduates with an understanding of how the media works and to recognise the place it occupies within the broader social context.

Employment in areas such as web authoring for the new wave of electronic publications and news broadcasts, computer authoring, and information architecture.

**Multimedia**

Bachelor of Multimedia

Campus: Hawthorn

*Duration: Two years full-time.*

Prerequisite: Successful completion of a two-year diploma (or its equivalent) with a grade average of at least 65%, although this may vary depending on the course and awarding institution. In some cases a selection interview may be required.

Application: Direct to Swinburne.

This course is designed for students who have prior tertiary level studies, such as a diploma or its equivalent. The course incorporates a multimedia major together with electives chosen from the areas of media studies, business marketing, computer networking and information technology.

Career outcomes may include web development, information architecture, and 3D animation.

**Multimedia Design**

Certificate IV in Multimedia (Design)

Campus: Lilydale, Prahran

*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 (Lilydale), 78181 (Prahran)

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.

Advanced Diploma of Multimedia (Design)

Campus: Prahran, Wantirna

*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 and direct to Swinburne (both are required).

All applicants are also required to complete a Supplementary Application Form and present a folio of work at interview.

VTAC code: 78981 (Prahran), 71091 (Wantirna)

This course aims to give students the skills and knowledge 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 also allows Pathways to the Bachelor of Design (Multimedia Design) at the Faculty of Design.

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

Multimedia Design

Bachelor of Design (Multimedia Design)

Campus: Prahran

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, Computer Science, or Technological Design and Development.

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

VTAC code: 36001 (CSP), 36022 (Fee)

2005 Round 1 Clearly-In ENTER: RC

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.

Multimedia Integration

Diploma of Information Technology (Multimedia Integration) incorporating a Certificate IV

Campus: Hawthorn, Lilydale, Wantirna

Duration: Two years full-time.

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

Application: VTAC

VTAC code: 77161 (Hawthorn), 70281 (Lilydale), 71131 (Wantirna)

This course has been developed with industry assistance to provide a broad range of skills required for entry into the multimedia industry. 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.

Just one year after completing a Bachelor of Multimedia (Media Studies), Lara Cameron was named one of the top ten web designers in Melbourne by The Age in a feature on the growing industry. Two years on, Lara Cameron Design is thriving with a growing client list including Toyota Australia and Lonely Planet Publishing.

As part of her course, Lara took up the opportunity to spend an IBL year working for a multimedia company as an assistant web designer, which gave her a first taste of business management.

“It gave me great insight into how a business runs; from liaising with clients, writing up quotes and contracts as well as the many risks and challenges involved. It’s also a great way of building up your design folio,” she said.

During her course, Lara made more industry contacts through freelance work and it’s something she encourages other budding web designers to consider. “When you freelance, you should try and make as many contacts as possible as a lot of your work will come from networking like this.”

The course’s breadth of subjects also gave Lara variety and an understanding of the whole multimedia industry, which she said helped her to keep her options open.

“When I was first looking for courses, I knew I wanted to do something with computers but also something creative and the Swinburne multimedia course seemed to cover both. I really loved interactive design and the course helped me realise my own talents in the area as well as giving me industry experience.

“I think this is a good course for someone interested in computers and interactive design. If you’re not 100 percent certain of what you want to do in the field, it’s a good starting point because it touches on everything but also gives you a chance to build your skills in one area like web design or animation.”

With many web design start-ups vying for more clients, how does Lara keep a step ahead? “The world of industry really seems to work by word-of-mouth, as most of my work comes from past clients’ recommendations – so the trick to success is to make clients happy, create consistently high-quality work and the repeat business will flow on from there.”

*An optional and additional year of Industry-Based Learning (IBL) may also be available.
Multimedia Software Development
Bachelor of Multimedia (Multimedia Software Development)
Campus: Hawthorn
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 (CSP), 34092 (Fee)
2005 Round 1 Clearly-In ENTER: 72.30 (CSP), n/a (Fee)
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.

Networks and Computing
Bachelor of Multimedia (Networks and Computing)
Campus: Hawthorn and Prahran
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 one of Mathematical Methods or Specialist Mathematics.
Application: VTAC
VTAC code: 34111 (CSP), 34112 (Fee)
2005 Round 1 Clearly-In ENTER: 76.85 (CSP), n/a (Fee)
This course develops an in-depth understanding of the broad range of development aspects of multimedia systems and the technologies underpinning them, with a particular emphasis on the Internet and computer communications.

The course covers sufficient studies in software development to enable graduates to exploit this in areas such as Java-based website development. In addition graduates can expect to be in demand for their networking skills in the multimedia industry to manage corporate LAN’s, intranets and other Internet access facilities.

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

Website Design
Certificate of Dynamic Web Site Design
Campus: Hawthorn, Lilydale, Wantirna
Duration: Six months full-time (approx 18 hours per week), or equivalent part-time.
Prerequisite: Successful completion of a Victorian Year 11, or its equivalent, or mature age.
Application: Direct to Swinburne
This course provides students with the skills to create and manage database driven, dynamic web sites. Students learn how to create graphics, video, create animation and write for the web. This course leads into the Diploma of Information Technology (Website Development) and the Diploma of Information Technology (Multimedia Integration).

Employment in the production and maintenance of web pages and database driven web pages, editing multimedia material, and production of animation for the web.
Social Sciences and Arts

Arts

Bachelor of Arts

Campus: Hawthorn

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 (CSP), 34322 (Fee)

2005 Round 1 Clearly-In ENTER: 78.05 (CSP), n/a (Fee)

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: Prahran (Dip and Cert IV), Croydon (Cert IV only)

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: Hawthorn

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 (CSP), 34072 (Fee)

2005 Round 1 Clearly-In ENTER: 81.05 (CSP), n/a (Fee)

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:** Off campus.

**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:** Hawthorn

**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 (CSP), 34342 (Fee)

2005 Round 1 Clearly-In ENTER: 81.20 (CSP), n/a (Fee)

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 human services, research, citizenship, social policy and human services management. With further studies, students can obtain qualifications to become psychologists, librarians, teachers, personnel officers, social workers or sociologists.

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Ana Vranjkovic always knew she wanted to be a writer. It was just a matter of finding the right course to get her there. She began her tertiary studies at Swinburne TAFE with a Diploma in Professional Writing, where she developed her skills in a wide range of writing styles. Upon completing her Diploma she decided to continue her studies at Swinburne with a Bachelor of Arts (Media and Communications).

“Ana Vranjkovic always knew she wanted to be a writer. It was just a matter of finding the right course to get her there. She began her tertiary studies at Swinburne TAFE with a Diploma in Professional Writing, where she developed her skills in a wide range of writing styles. Upon completing her Diploma she decided to continue her studies at Swinburne with a Bachelor of Arts (Media and Communications).

“The Swinburne experience was fantastic from day one. I came out of secondary school really eager to learn and Swinburne gave me every opportunity to develop my skills.”

The close proximity of the campus to the city and the friendly atmosphere appealed to Ana. “The fact that the campus is small and cosy meant a lot to me after the daunting experience of leaving secondary school behind.”

Ana identifies the teaching staff as having a great impact on her tertiary education. “I couldn’t have asked for better teachers. The classes were small and the teachers were really dedicated. The fact that they all had industry experience and knew where you were coming from helped me to get to where I am today. They taught me new ways of thinking and encouraged me to get out there and get my work published.”

“As part of my course I was able to have work placement at the Leader Newspaper, where I got to pretend I was a journalist for three weeks. I liked it so much that I went back for another seven weeks as part of my Media Project. Getting this work experience was crucial in helping me find a job after graduating.”

Currently Ana is employed as the editor at Prime Creative. “Now I get to edit three magazines for the transport industry as well as writing for a bunch of newsletters and even dabbling a bit of PR. It’s been a great opportunity and my educational background was a real factor in getting the job.”

“Swinburne has a solid reputation in the media industry, and it is definitely the place to go if you want to study journalism.”
**Social Science**

Bachelor of Social Science

Campus: Hawthorn

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: 34221 (CSP), 34222 (Fee)

2005 Round 1 Clearly-In ENTER: n/a

This course is focussed on the scientific study of individuals, groups and human society, especially political institutions and socio-economic structures, including family and kinship. Students learn how social relationships and institutions shape individuals, and in turn how they have the capacity to shape these social institutions. The major areas of study within this degree are Politics, Psychology and Sociology. Students may also undertake studies from Arts 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/Business**

Bachelor of Social Science/Bachelor of Business

Campus: Lilydale

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: Full-time – 35141 (CSP), 35142 (Fee)  
Part-time – 35231 (CSP), 35232 (Fee)

2005 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, eCommerce, Economics, Economics/Finance, eCulture and Media Studies, Human Resource Management, Management, Marketing, Psychology, Sociology or Tourism.

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

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*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: Prahran  
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: Prahran  
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: Prahran  
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: Lilydale, Prahran, Wantirna

*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). Lilydale direct only.

**VTAC code:** 78151 (Prahran), 71151 (Wantirna)

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 Merchandising**

Diploma of Arts (Visual Merchandising)

Campus: Wantirna

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

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

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.

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With a passion for costume and theatre, the opportunity to design and create costumes without boundaries was an appealing feature of Hayley Murphy's Diploma of Entertainment (Costume) course.

Graduating last year, her technical skills and creative vision secured her the inaugural industry-sponsored Costumier Scholarship awarded to a TAFE costume student. The scholarship includes a three-week study tour of India, including visits to a Bollywood movie set and a puppetry school in Mumbai to seek global inspiration for her designs.

Given Hayley's penchant for creating exotic and oriental costumes, the trip seems to be a perfect twist of fate. “It will be an awesome experience, the colour and fabrics of India are so alive. I will also get to stay with an Indian family, which will be a valuable experience. Winning the scholarship was amazing. I’m so excited about it – I’ve even been practising my Indian dancing!”

With the goal of taking the ‘stage to the streets’ in her designs, studying at Swinburne’s Prahran campus gave her the opportunity to work alongside performers from the university’s National Institute of Circus Arts (NICA) for the final-year graduating costume parade.

“Working alongside the circus school really inspired some of my more extravagant costumes. ‘Madame Exotica’ was a mystical character and costume I designed and wore in the parade. It was a dream opportunity to be able to design, create and bring ‘Madame Exotica’ to life.

“I like to challenge the conventional human silhouette through costumes – I also created a headless stilt-walker for the parade. The teachers were so helpful and I’m grateful to them for allowing me to be free with my designs.”

But the freedom wasn’t at the expense of solid training in the costume craft, Hayley says, with training offered in areas such as dancewear, period costume construction, millinery, make-up, jewellery and business skills including project management. “I think the diploma opens up many avenues in the entertainment industry, you develop a sound knowledge in pattern drafting methods from both a design and construction perspective.”

Taking her first steps into the industry, after the trip to India, Hayley will aim to set up a design label to inspire its wearer to ‘reveal their inner character.’
Bridging Science
Certificate IV in Science incorporating a Certificate III
Campus: Hawthorn
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 fulfil 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
Course in Concurrent Study
Campus: Croydon, Hawthorn, Lilydale, Prahran, Wantirna
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, learn 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 find out how to use a wide variety of resources.

Study support is available throughout the year. There are no extra fees.

English as Second Language (ESL)
Certificate III/IV in ESL (Access) with General English or other streams.
Campus: Accounting: Hawthorn
General: Hawthorn, Prahran, Wantirna
Office Administration: 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 high intermediate to advanced levels of English to progress to further study (mainstream) or employment.

General Education for Adults and Youth
Certificate I, II and III in General Education for Adults
Campus: Croydon, Hawthorn, Prahran, Wantirna
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: Croydon, Lilydale
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
Preliminary and Certificate I, II and III in Spoken and Written English
Campus: Croydon, Hawthorn, Prahran, Wantirna
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: Hawthorn, Prahran, Wantirna
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.

Victorian Certificate of Applied Learning
Campus: Croydon, Hawthorn, Prahran
Duration: One year full-time.
Prerequisite: Applicants should be 16 to 19 and have left school.
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
- Performing Arts
- Multimedia
- Retail
- Children’s Services and Outdoor Recreation
VCAL will develop and extend pathways for young people from school to further education, training and work.

Victorian Certificate of Education
Campus: Croydon, Prahran
Duration: Two years full-time or equivalent part-time.
Note: Adult VCE (over 18 years of age) can enrol directly into Units 3 and 4.
Prerequisite: Successful completion of Year 10.
Application: Direct to Swinburne.
The Victorian Certificate of Education (VCE) is a prerequisite for most degree courses and a number of TAFE courses. VCE subjects can be taken in a wide range of combinations, on either a full-time or part-time basis in the day or evening. Students should ensure that they choose the necessary subjects to ensure eligibility for the specific tertiary courses that they hope to enter after successful completion of VCE.
The VCE provides Pathways to a diverse range of TAFE and Higher Education courses.

Certificate I in Work Education
Campus: Hawthorn, Lilydale, Prahran, Wantirna
Duration: Two years full-time.
Prerequisite: Applicants should have special learning needs with a focus on intellectual and/or learning disability; have the potential for open employment and/or further training; and are sixteen years and over.
Application: Direct to Swinburne.
This is a post-school course (for students of 16 years of age or over) designed for people with disabilities who have special learning needs. It will prepare them to gain mainstream employment involving routine, predictable, repetitive and proceduralised tasks under supervision, or undertake further vocational training.
On completion of the course the students are assisted in finding employment and/or where appropriate are encouraged to pursue further studies and training.
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Croydon C
Distance DL
External Venue EV
Hawthorn H
Healesville HV
Lilydale L
Prahran P
Wantirna W
Workplace WP
## Glossary

### 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.

### CLS
Commonwealth Learning Scholarships which provide financial support to eligible undergraduate students to assist with education and accommodation costs.

### 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.

### CSP
A Commonwealth Supported Place for which the Commonwealth makes a contribution towards the cost of a student’s education.

### 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.

### FEE-HELP
FEE-HELP is a loan given to eligible fee-paying students to help pay part or all of their tuition fees.

### Fee-paying course
Fee-paying courses are available to students who don’t receive a CSP offer but who wish to pay a fee to secure a place.

### Graduate
A person who has satisfactorily completed all the requirements for their qualification.

### HECS-HELP
HECS-HELP is a loan available to eligible students enrolled in a Commonwealth Supported Place. A HECS-HELP loan will cover all or part of the student contribution amount.

### Industry-Based Learning (IBL)
An optional program in which students are placed in paid, supervised employment as part of their degree.

### Lecture
A one to 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.
CourseFinder
For detailed course and subject information visit: www.swinburne.edu.au/coursefinder or ring the Information Hotline 1300 368 777.

Open Day
Sunday 28 August 2005, 10.00am–4.00pm
www.swinburne.edu.au/openday

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Open Day 2005  Sunday 28 August, 10.00am–4.00pm