University and TAFE Course Guide
Degrees, Double Degrees, Diplomas and Certificates for the Year 2002
Croydon • Hawthorn • Healesville • Lilydale • Prahran • Wantirna

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
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Admission requirements apply to 2002 entry and may vary in subsequent years. The University reserves the
right to alter or amend the material contained in this Course Guide. Course amendments will be published in
the VTAC Bulletins.

Equality of educational opportunity is Swinburne University of Technology policy.

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Swinburne University of Technology
Melbourne, Australia

Croydon campus
Norton Road
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(03) 9214 8000

Hawthorn campus
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(03) 9214 8000

Healesville campus
Maroondah Highway
Healesville Vic 3777
(03) 5957 1800

Lilydale campus
Melba Avenue
Lilydale Vic 3140
(03) 9214 8000

Prahran campus
High Street
Prahran Vic 3181
(03) 9214 8000

Wantirna campus
Stud Road
Wantirna Vic 3152
(03) 9214 8000
Welcome to Swinburne

Our students are fortunate. Swinburne University of Technology is one of the few universities in Australia to offer a full range of programs from apprenticeships to PhDs. We give our students the added flexibility in study options of following well-defined ‘Pathways’ between our TAFE and Higher Education sectors.

Swinburne not only provides students with the skills and knowledge that will help them find employment in their chosen career, but also provides an exciting environment that makes learning fun. Our students have access to a number of sporting, computer, library and student welfare facilities at each campus and all campuses are in close proximity to many forms of public transport.

Undergraduate students also have the advantage of working closely with industry through our Industry-Based Learning (IBL) program. Our IBL program not only provides students with paid work experience before graduating, it often leads to full-time employment opportunities with the same employer after graduation. Most degree courses include IBL which provides free-flow information between the University and the future employers of our graduates.

Please visit our website for further information about the University at: www.swin.edu.au

We trust you will enjoy your time at Swinburne.

J G Wallace
Vice-Chancellor
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 95 to 102, and identify the course title and page reference you require. Alternatively, choose one of the colour coded study areas listed below and browse through that section.

- Applied and Industrial Sciences
- Business, Innovation and Management
- Computing and Information Technology
- Design
- Engineering and Technology
- Health and Human Services
- Hospitality and Tourism

If you require more detailed information:
- complete the Brochure Order form at the back of the Guide;
- for general information telephone the information hotline on 1300 368 777;
- for specific information contact the School/Department on the number provided at the end of each entry;
- come to an information session on one of our Open Days; or
- visit the Course and Subject Database website at: http://pandora.swin.edu.au/guide

TAFE Courses

Advanced Diploma
Highest level TAFE qualification requiring three years of full-time study (or equivalent part-time). Entry is based on satisfactory completion of the Diploma or equivalent.

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

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

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

Note: There is a gradual phasing out of the old system of TAFE qualifications (Advanced Certificates and Associate Diplomas), to be replaced by the above national system of awards.
**Articulation**
The development of integrated curriculum which allows for student movement between TAFE and Higher Education (see Pathways).

**Bachelor Degree**
The title for an undergraduate degree course, for example a Bachelor of Business.

**Course**
A program of study that leads to the award of a diploma, degree or other qualification.

**Deferrment**
The reservation of your place in a course for usually one year. Deferrment is not available for all courses and only applies to Higher Education courses. Applicants need to apply to the relevant Swinburne School for deferrment prior to enrolling.

**Double Degree**
Simultaneous study of two Bachelor degrees. For example, Bachelor of Engineering/Bachelor of Arts.

**Dual Qualification**
Simultaneous study of two courses. Usually a Bachelor's degree and a TAFE diploma.

**Elective**
A subject which is not a core (compulsory) subject. An elective is still credited to the course.

**ENTER**
Equivalent National Tertiary Entrance Rank (ENTER). The percentile ranking of a Victorian Year 12 student. It provides a comparative placement of students in the age group in that year on the basis of their VCE studies. For example, an ENTER of 75.00 would mean that a student has ranked equal to or better than 75% of the age group of VCE students for that year.

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

**HECS**
Higher Education Contribution Scheme (HECS). The fees that students pay to the government to cover the cost of part of their degree. The remaining cost is funded by the federal government.

**Leave of Absence**
Refers to a period of approved absence from a course and is available only to currently enrolled students.

**Lecture**
A one to three hour class where the lecturer discusses particular topics, with little or no input from students.

**Major**
Sequence of studies usually taken over three stages in a single or related subject area.

**Multi-modal Learning**
Study offered by a range of delivery methods: traditional lectures, computers, study guides, off-campus study centres, video and more. Students are able to choose a mode of study that most suits their needs.

**Pathways**
Movement between one course to another with appropriate credit transfer based on completion of equivalent studies. Pathways make it easier for students to move between courses offered by TAFE and by Higher Education.

**Postgraduate Course**
Studies undertaken after completion of a Bachelors Degree, usually in a specialised area of study. Studies can either be completed by coursework or research.

**Prerequisite**
Subjects that must be completed before a person is eligible to enter a particular course or enrol into a particular subject.

**Professional Recognition**
On completion of a sequence of agreed studies, graduates are eligible to become members of professional associations. In some cases it is necessary to be a member of a professional association before graduates can practise in that profession.

**Recognition of Prior Learning (RPL)**
Is recognition by the University of prior studies undertaken by a student that may satisfy part of the academic requirements of the course in which the student is enrolled. Recognition of relevant work experience and or life experience is also taken into account.

**Semester**
The University year is made up of two main teaching periods known as Semesters. Semester 1 runs from March to July and Semester 2 runs from July to November. There is also a summer semester which runs from December to February but not all subjects are available for study.

**TAFE**
TAFE stands for 'Technical and Further Education'. TAFE institutions provide vocational training for students and offer courses at a professional and para-professional level covering diploma, certificate, apprenticeship, VCE and access programs.

**Tutorial**
A small class, usually no more than 25 students, where students discuss any issues raised in the lecture with a tutor. The tutor is either an academic or a postgraduate student.

**Undergraduate Course**
Courses that require at least three years of full-time post-secondary study.
Why students choose Swinburne

You’re approaching a very important time in your life and decisions must be made. There are many courses to study at many different institutions. So why should you choose Swinburne? What are the benefits of studying here? What will set you apart from students at other universities when you seek employment? Here are a number of reasons why you should seriously consider studying at Swinburne.

Industry-Based Learning (IBL)

Industry-Based Learning (IBL) is the cornerstone of many academic programs at Swinburne. IBL is an optional program undertaken by students before the final year of their degree and where they learn by working 24 or 48 weeks, in paid, supervised, professional employment which complements their university studies.

Each year IBL is undertaken by more than 700 students across six higher education schools and in all the courses at the Lilydale campus. More than 350 companies participate as IBL employers.

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

■ Have a higher graduate starting salary.
■ Have a higher level of responsibility for their first graduate job.
■ Secure a job faster than their non IBL counterparts.
■ Gain enhanced workplace skills.
■ Often return to their IBL employer on completion of their degree.

In a nutshell an IBL placement:

■ Is generally taken in the third year of a degree course and runs up to 48 weeks.
■ Is available if you meet the academic requirements of your course and are selected by an employer.
■ Provides paid employment.
■ Helps you develop skills in your chosen profession through up-to-date and real work experience.
■ Helps you develop your interpersonal skills and increase your maturity and motivation.
■ Provides you with a substantial industry-based experience prior to graduation.
■ Makes you more employable in the competitive graduate job market.
■ Assists you in understanding the complexity of today’s work environment, especially in such matters as employer expectations, working to deadlines, the role of technology, and the major issues and priorities for modern organisations.
■ Provides you with contacts which will enhance your networks for possible use in your studies and later, in seeking employment.

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

The Swinburne Pathways Program has been designed to ensure that students who are interested in continuing their formal education gain as much benefit as possible out of studies already done.

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

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

The credit transfer arrangements guarantee you maximum flexibility and maximum choice.

For further information contact the relevant school.

Distance Learning

Swinburne TAFE Distance Learning provides access to quality courses at a place, time and pace that best suits your lifestyle. As a student of Swinburne TAFE you will receive regular feedback from your tutor via assignments and in some instances, tutorials or workshops.

The ability to make choices and tailor your learning program makes Distance Learning flexible and satisfying. Distance Learning is an accepted mode of study and you will receive nationally recognised qualifications at the appropriate Certificate, Diploma or Advanced Diploma level on successful completion of your course.

Areas of study currently available through Distance Learning include:

- Accounting
- Banking and Finance
- Credit Management
- Estate Agency Practice
- Legal Practice
- Management
- Marketing
- Natural Resource Management
- Office Administration
- Professional Writing and Editing
- Real Estate for Agents’ Representatives
- Retail Operations
- Small Business Management

For further information refer to the individual entries in this course guide, or contact the Centre for Distance Learning on 1800 633 560.

Swinburne students demonstrate a fine combination of practical application and theoretical knowledge making them readily employable

VET in the VCE

VET in the VCE is a Government initiative that offers students a chance to complete Year 11 and Year 12 at school while undertaking vocational studies at Swinburne. Swinburne offers a variety of VET in the VCE courses including hospitality, automotive engineering, retail operations, and sport and recreation.

Students who complete a VET in the VCE program alongside their normal VCE studies can articulate into further study, such as Certificate IV or Diploma studies. These programs can also improve the students’ employment opportunities and provide a valuable insight into the industry they have chosen. Furthermore, many VET courses can now be assessed as part of their ENTER score.

Swinburne TAFE has been involved in VET in the VCE since 1994 and has developed partnerships with over forty secondary colleges throughout the Melbourne area. For information regarding the VET in the VCE program at Swinburne contact the VET Co-ordinator on (03) 9213 6778.
Imagine the excitement and challenges of studying one or two semesters of your degree overseas! International Exchange Programs, Education Abroad Programs (EAP) and Study Tours are available at Swinburne. You can choose from nineteen different countries including North America, Scandinavia, and European and Asian countries. Travel grants are also available.

Every semester, Swinburne University of Technology hosts many students from overseas institutions. These partner institutions in turn provide opportunities for our Swinburne students to study part of their degree overseas. Exchange ‘host’ universities not only present a diverse range of subject selection; they also provide a secure base and a supportive community from which the student can explore the nuances of foreign cultures.

Students do not need to lengthen the duration of their studies as they can gain full credit for their overseas study. You don’t have to speak another language as our partners offer many courses in English. As students are constantly looking for ‘the edge’ over other students when they graduate, International Student Exchange provides every opportunity to gain that edge.

Visit the resource library at the Education Abroad Office, Business and Arts Building (BA922), Hawthorn campus. If you have any questions, contact: Education Abroad Office on (03) 9214 5147 Website: http://www.swin.edu.au/edabroad

“Studying abroad has been an invigorating experience. There is so much to absorb and many adjustments to make but it is all rather stimulating.”

Danielle Antczak (Mechanical Engineering student to Umea University, Sweden, 1999)
Non School Leaver

Swinburne offers a lifetime of learning for all ages, which is clearly shown by the fact that the majority of people studying at both TAFE and University have not come directly from school.

The extensive variety of courses offered at Swinburne means that most students can find a course that suits their needs. But Bob Hamann and his colleagues at the Ngwala Willumbong Co-operative couldn’t find a course that met their requirements, so Bob worked with Swinburne to create a specifically designed course.

Bob explains, “I wanted to be a trainer to teach our people. We designed the course in conjunction with Swinburne. The course was more informal and used language us Kooris could relate to.”

Together with Kooris from across Melbourne, Bob enrolled for the newly designed one-year Assessment and Workplace Training course. He spent one day a week, away from his job as an accommodation support worker, to study at the Healesville campus.

Bob’s newfound skills are put to good use as part of his work with homeless people in St.Kilda. Describing his work he said, “My job is finding permanent accommodation for the homeless. Aborigines mainly, but there’s also people with alcohol or drugs problems and people who have left home because of domestic violence and the like.”

Scholarships

Swinburne offers a large range of scholarships to new enrolling students to recognise their academic achievement and assist them financially. For further information refer to the Swinburne 2001 Scholarship Program brochure, or visit: http://www.swin.edu.au/scholarships

Summer Semester

TAFE and Higher Education students can accelerate their study program by undertaking summer semester subjects. For further information visit: http://www.swin.edu.au/summer

Research

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

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

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

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

Look at the Swinburne course guide. If you think research is for you, examine some of the innovative undergraduate courses which are designed to lead into a research degree.

I look forward to seeing you in the future as a research student. Meantime, good luck with your undergraduate program.

Professor Kerry Pratt
Pro Vice-Chancellor (Research)
Croydon campus

12-50 Norton Road
Croydon Vic 3136
Telephone: (03) 9214 8000

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

The campus is located a short walk from the Croydon station and shopping centre in the foothills of Mt Dandenong. Eastland Shopping Centre is a five kilometre drive or a two-stop train journey away, providing extensive shopping, and restaurants. The No. 755 bus which services the area between Croydon and Ferntree Gully stations, passes by the door.

Croydon campus is also home to the Industry Development Centre which is a high quality, purpose-built conference centre offering a wide range of meeting spaces, related services and equipment. It is available for hire by telephoning (03) 9213 6662.

Hawthorn campus

John Street
Hawthorn Vic 3122
Telephone: (03) 9214 8000

Hawthorn, Swinburne’s original campus, is home to the central administration, many of its undergraduate and postgraduate programs, research institutes/centres, and a campus of the TAFE Division. It is also the site of many of Swinburne’s research and training centres. The campus is located seven kilometres east of the city, and is easily accessible by train and tram.

It is situated in the heart of Hawthorn and is close to restaurants, cafes and shops. Students enjoy an extensive library, bookshop, cafeterias, and sports centre.

The campus has expanded from the original single building of 1908 to cover a sizeable area from Burwood Road to Park Street in the north, and across to Henry Street in the east. Over recent years development has included new TAFE buildings, on-campus student accommodation and a multi-deck carpark. In 2000 the new library extension was completed providing improved library facilities for students and staff.

Healesville campus

237 Maroondah Highway
Healesville Vic 3777
Telephone: (03) 5957 1800

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

Small Business Victoria – First Place, a Victorian government initiative, is located at the Healesville campus providing a number of services for small business including information on licensing requirements, counselling, and a small business bookshop.
Lilydale campus

Melba Avenue
Lilydale Vic 3140
Telephone: (03) 9214 8000

The Lilydale campus is set in a picturesque 24 hectare rural setting with panoramic views across the Lilydale Lake to the foothills and ranges of the Yarra Valley. The state-of-the-art campus has been established to provide for the higher education needs of Melbourne’s outer-east. It is situated 40kms east of Melbourne and is located within 20 minutes walking distance of a transport hub with access to rail and bus networks. On campus parking is available.

Lilydale offers undergraduate degree programs in the areas of Business, Applied Science and Social Science. Multimodal learning is a feature of Swinburne’s educational provision. Traditional methods of learning are augmented by a range of independent learning methods designed to capitalise on the benefits offered by computer and media technology.

The TAFE Division offers diplomas and certificates in business and management, information technology, agriculture and hospitality. It also runs short courses in art, business studies and computing, health and wellbeing, and hospitality and tourism.

Prahran campus

144 High Street
Prahran Vic 3181
Telephone: (03) 9214 8000

Prahran campus is home to the renowned National School of Design, which offers a range of graphic, industrial, interior/exhibition, and multimedia design courses at undergraduate and postgraduate level. Prahran also offers TAFE programs in a range of areas such as business, social sciences, visual 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 campus is ideally situated in cosmopolitan Prahran close to the market, shops and cafes. It is five kilometres south of the city, and easily accessible by train, tram or bus. Prahran is small and friendly with a mixture of modern and historic buildings. Major redevelopments have been undertaken on the campus, including an Arts/Multimedia building, a building housing social sciences, library, student facilities and cafeteria, and a new Performing Arts complex.

Wantirna campus

369 Stud Road
Wantirna Vic 3152
Telephone: (03) 9214 8000

The Wantirna campus houses the central administration of Swinburne’s TAFE Division. It offers diploma and certificate courses in the areas of art and design, automotive, business and management, computing and information technology, engineering and electronics, horticulture, and health and human services.

Short courses in a wide range of subject areas are also offered in either day or evening time slots.

Wantirna offers an innovative approach to education via dual qualification programs; giving students the opportunity to achieve both a diploma and a degree. The current courses available are the Advanced Diploma of Business Accounting and the Advanced Diploma of Business Marketing with direct entry into the final two years of the Bachelor of Business at the Lilydale campus.

Located just a short walk from the campus is the Knox City Shopping Centre where most facilities can be found including: extensive shopping, banks, a post office, restaurants, a cinema complex and bowling alley. The campus is easily accessible via the many buses that terminate at the Centre.
“The best way to make friends is by joining one of the numerous clubs and participating in social activities. In my time at Swinburne, I have been on water ski trips, represented Swinburne in rowing at the University Games, joined the Japanese, Country and Marketing clubs.” – Tennille Bayly
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 campuses, to entertain you. Major events include the annual Union Night, Welcome Back Week and the annual Swinburne Ball. Throughout the year there are bands, DJs, lunchtime entertainment, theme weeks and evening entertainment.

Orientation Week
Held for new students in the week before classes begin to help familiarise them with the campus and services available. It includes information sessions, campus tours, live entertainment and free food and refreshments.

Welcome Back Week
Held during the first week of classes in first semester. It celebrates the beginning of the new academic year and includes live bands, DJs, comedians, street theatre, sport and recreation, club displays, competitions, give-aways and more.

Student Union Ball
The Student Union Ball is held in second semester. It is organised by students from the various clubs and societies working together with the Union’s activities’ staff. Each year there is a different theme. Recent themes have included the Glitter Ball and the Underwater Ball.

Swinburne Student Radio
3SSR currently broadcasts on 94.1FM, between the hours of 6pm and 8am weekdays and from 12am to 8am on weekends. It offers an alternative listening experience playing everything from funk and jazz, right the way through to heavy metal and techno with dedicated DJ’s and presenters who know their stuff! The station also tackles local issues including social, environmental and political problems. Training is available and you can even have your own weekly timeslot. Joining is easy. For further information, checkout the official website at www.3ssr.org.au

Clubs and Societies
There are over 60 clubs across Swinburne’s six campuses. They offer you the opportunity to meet new people, make new friends, socialise, share your interests, or pursue your passions. From cultural organisations to social clubs there is bound to be a club for you. And if you don’t like what’s on offer, you can start your own!

SwinTV
SwinTV is a student-run production group comprising students interested in all aspects of television production. Meetings are held monthly in the E-lounge.

For more information on events and clubs, visit the Swinburne Student Union website: www.su.swin.edu.au

Sport and Recreation
Swinburne offers a range of sporting activities and opportunities. ‘Swinergy’ is Swinburne’s Sport and Recreation association providing facilities such as a gym and squash courts, plus activities such as trips and tours (see below). They also facilitate short courses, club activities and events including inter-university and TAFE competitions and games. For more information visit the Swinergy website: www.swin.edu.au/swinergy

Trips and Tours
Swinergy offer an eight-day trip to the Gold Coast in Queensland and also an eleven-day tour of Central Australia. Other trips include deep sea fishing, a Grampians weekend, Great Ocean Road tour, horse riding day trip, Phillip Island penguins, seals and koalas tour, plus skiing, winery, sailing and snow trips.

Off-Campus
The assortment of cafés, nightclubs, restaurants, theatres, shops, cinemas and other venues that surround Swinburne campuses contribute to the social life of students. Hawthorn campus adorns Glenferrie Road shopping strip with its range of classy cafés and restaurants providing a place to meet friends and enjoy the sun, whilst Prahran campus borders on Chapel Street offering all the best colour and culture Melbourne has to offer. The Student Union and clubs at Croydon, Healesville, Lilydale and Wantirna also run several off-campus events such as river cruises, movie nights and nightclub tours.
Living away from home

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

Deciding where to make your next home can be a daunting task and one which too many students think about only after they have received an offer into a particular course. Accommodation at Swinburne includes both on-campus and off-campus options, with support staff to advise and assist you making your decisions.

Swinburne’s eighty-five room Residential College, located on the Hawthorn campus, features individual rooms furnished with a single bed and bedding, built-in study desk and bookshelf, cupboards, chairs, wash basin, electric jug and hydronic heating. The nearby Apartments comprise either two or three bedrooms and are well suited to second year and above continuing students.

Bachelor of Design (Industrial Design) student, Tiana Sweeney, originally from Mt. Gambier, South Australia, lived at Swinburne’s Residential College during the first year of her course. Even though Tiana couldn’t wait to become independent, she realised moving to a new state and not having any friends at university would prove challenging.

‘At Swinburne’s Residential College, all the students are in the same boat so you know everyone is feeling the same way you are’, said Tiana. ‘That’s why it’s important to be aware of what is going on around you and to make the effort to talk to people. Also, don’t think everything will happen at once; I have been here a year and am still settling in. I had to get used to knowing all the tram and train routes to get to classes at the Prahran campus and to get to the city. However, I relied on the staff and students at the University to tell me how to get around to other places’, said Tiana. The Residences also have student caretakers living in to provide a hand with things like study.
Student village at Lilydale campus

The Student Village at Swinburne’s Lilydale campus is located on the foreshore of Lillydale Lake 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 Village comprises twenty-six furnished apartments. Each apartment contains four separately keyed bedrooms, kitchen, lounge/study room, laundry and storage locker. Sixty-four bedrooms have ensuite bathrooms and forty have twin-share bathrooms. A number of ensuite apartments have wheelchair access.

Swinburne’s Housing Office

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 is also available.

Further information

Residential College/Apartments: (03) 9214 5555 (Hawthorn)
Student Village: (03) 9215 7000 (Lilydale)
Off-campus options: (03) 9213 6607 (Croydon)
(03) 9214 8882 (Hawthorn)
(03) 9215 7105 (Lilydale)
(03) 9214 6728 (Prahran)
(03) 9210 1905 (Wantirna)

Renae Cassar shares a flat with two other university students and contacted Swinburne’s Housing Office.

‘Student Services were very helpful in helping me find a flat, they were very supportive’, said Renae. ‘I wanted to live with some other students while I was studying in Melbourne. I met some other students through friends and we decided to get a place together’.
Application procedures for 2001 entry

Higher Education

The minimum requirement for entry into Swinburne degree courses is the satisfactory completion of the Victorian Certificate of Education (VCE) with passes in English Units 3 and 4 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

Applicants who do not have VCE (or equivalent studies) can apply through VTAC. There is no age requirement. Bachelor of Business and Bachelor of Business/Arts (Language) applicants must sit the STAT Multiple Choice test, managed by VTAC. Applicants for other courses must complete the VTAC SI form.

In all cases, relevant employment experience and educational background will be taken into account. Students applying for all Science and Engineering courses must have passed the prerequisite subjects.

TAFE

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 Higher Education courses, some TAFE courses also have Special Requirements or Prerequisite Subjects. Refer to individual course entries for details.

Mature age 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. Mature age applicants are not required to have completed a Year 12 qualification.

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).

Applications are advised to obtain a copy of the VTAC Guide. The 2002 VTAC Guide may be purchased in newsagencies from July onwards. Alternatively, the VTAC Guide can be accessed on line 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 1902 241 114.

Timely applications should be lodged at VTAC by the end of September. After this time a late fee will apply.

In addition to applying through VTAC some courses also require a direct application, interview, audition and or a folio assessment. 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 VCE students after the publication of results from Monday 17 December to Monday 24 December. For advice of course options call 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 and later year entry courses that require a direct application. Telephone Swinburne for an application form using the contact numbers located in each course listing of this publication.

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 Manager of Indigenous Programs on telephone (03) 9214 5179.

International Students

Swinburne welcomes international students wishing to study TAFE, Degree or Postgraduate courses. Applications can be discussed with staff in our International Student Unit. The International Student Unit is responsible for the admission, orientation and support of all international students. The International Student Unit can be contacted on (03) 9214 8647 or +61 3 9214 8647 if calling from outside Australia, or email the office on isuenq@swin.edu.au

Please note, not all Swinburne courses are available to international full fee paying students.

Course and Subject Database

Detailed information of Swinburne’s courses is located at: http://pandora.swin.edu.au/guide
APPLIED SCIENCE

Course title
Bachelor of Applied Science

Duration
Three years full-time or equivalent part-time. An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

Campus
Lilydale.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 35001 (full-time)
35211 (part-time)
2001 ENTER: 65.55

Course overview
Students gain a thorough understanding of science method, critical and creative thinking, information technology and statistics. A major study in computing, psychology or interactive multimedia provides the foundation from which studies in other disciplines can be undertaken. The variety of disciplines allows many opportunities for students to diversify their studies in non-traditional areas such as accounting, marketing, media, or sociology.

Major studies
Computing, Psychology, Interactive Multimedia.

Career opportunities
A computing major qualifies students for most entry level positions in the programming and information technology fields. Psychology graduates may seek employment in the areas of human resources, social work, marketing, administration and research. Psychology graduates can also do further study in areas of professional psychology such as clinical, counselling, organisational and health and sports psychology. An interactive multimedia major qualifies students for most entry level positions in multimedia development, web page development, on line publishing for small businesses, and desktop publishing.

Professional recognition
Graduates with a major in psychology are eligible for membership of the Australian Psychological Society (APS).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: ldinfo@swin.edu.au
Website: www.ld.swin.edu.au

BIO TECHNOLOGY

Course title
Bachelor of Science (Biotechnology)

Students have the option of undertaking the double degree after Year 1 or 2.

Duration
Three years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any), and a study score of at least 25 in either Chemistry or Biology, and one of Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34241
2001 ENTER: New courses for 2001

Course overview
This course provides in-depth studies of biochemistry, microbiology and molecular biology, as sciences that underpin biotechnology. The course includes studies in the application of these sciences in biotechnology. It also provides flexible options that allow students to take out major studies in chemistry, or computer science, or business, or media and communications.

Major studies
Biology, genetics, chemistry, general biochemical processes, protein and enzyme structure and function, microbiology, biotechnology, molecular biology, forensic science, computer applications.

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

Professional recognition
Graduates may apply for membership of the following professional societies: Australian Biotechnology Association, The Australian Society for Biochemistry and Molecular Biology, Australian Society for Microbiology. This course is also expected to meet the accreditation requirements of the Royal Australian Chemical Institute, especially if chemistry subjects are selected in the elective streams.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ees/

SE E ALSO

Bachelor of Applied Science (Biochemistry/Chemistry) Refer Health and Human Sciences
Bachelor of Applied Science (Psychology/Biochemistry) Refer Health and Human Sciences
Bachelor of Engineering (Biomedical Engineering)/Bachelor of Engineering (Electronics and Computer Systems) Refer Engineering and Technology
Bachelor of Engineering (Biomedical Engineering)/Bachelor of Engineering (Electrical and Computer Systems) Refer Engineering and Technology
Bachelor of Health Science (Public Health Management) Refer Health and Human Sciences
Bachelor of Science (Biomedical Sciences) Refer Health and Human Sciences
Bachelor of Science (Biomedical Sciences)/Bachelor of Engineering (Electronics and Computer Systems) Refer Health and Human Sciences
APPLIED AND INDUSTRIAL SCIENCES – DOUBLE DEGREES

APPLIED SCIENCE / SOCIAL SCIENCE

Course title
Bachelor of Applied Science / Bachelor of Social Science

Duration
Four years full-time or equivalent part-time.

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

Campus
Lilydale.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 35061 (full-time)
            35091 (part-time)

2001 ENTER: 77.70

Course overview
This course combines the Bachelor of Applied Science and the Bachelor of Social Science, and 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. For further information, refer to the individual degree entries in this Course Guide.

Major studies
Psychology, media studies, computing, sociology, interactive multimedia.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
Tel: 1300 368 777 (general enquiries)
        Lilydale Administration
Tel: (03) 9215 7000
Email: dinfo@swin.edu.au
Website: www.ld.swin.edu.au

BIOTECHNOLOGY / ARTS

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

Duration
Four years full-time.

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any), and a study score of at least 25 in either Chemistry or Biology, and one of Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34361

2001 ENTER: 85.00

Course overview
This double degree course 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.

Major studies
Media studies, biology, genetics, chemistry, general biochemical processes, protein and enzyme structure and function, microbiology, biotechnology, molecular biology, forensic science, computer applications.

Career opportunities
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.

Professional recognition
Graduates may apply for membership of the following professional societies: Australian Biotechnology Association, The Australian Society for Biochemistry and Molecular Biology and the Australian Society for Microbiology.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ses/

BIOTECHNOLOGY / BUSINESS

Course title
Bachelor of Science (Biotechnology)/ Bachelor of Business

Duration
Four years full-time.

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any), and a study score of at least 25 in either Chemistry or Biology, and one of Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34361

2001 ENTER: Individual offer

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

Major studies
Accounting, marketing, human resource management, biology, genetics, chemistry, general biochemical processes, protein and enzyme structure and function, microbiology, biotechnology, molecular biology, forensic science, computer applications.

Career opportunities
Enables graduates to use scientific research and innovative skills to create new business enterprises or to contribute to existing businesses.

Professional recognition
Graduates may apply for membership of the following professional societies: Australian Biotechnology Association, The Australian Society for Biochemistry and Molecular Biology and the Australian Society for Microbiology.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ses/
BIOLOGICAL / CHEMICAL SCIENCES

Course title
Diploma of Applied Science (Biological Sciences)
Diploma of Applied Science (Chemical Laboratory Techniques)

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

Campus
Hawthorn or workplace.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age with relevant experience.

VCE Prerequisites: Units 3 and 4 – Chemistry, Maths and Physics.

Applicants who do not have the relevant prerequisites may be required to undertake introductory modules.

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

VTAC codes: 77721 (Biological)
77731 (Chemical)

Course overview
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.

Note: this course is due for reaccreditation in 2001. Final course details were not available at the time of printing. However, the new content should be much the same as the information above.

Career opportunities
Scientific laboratory support staff.

Further information
Tel: 1300 368 777 (general enquiries)
Industrial Sciences Department
Tel: (03) 9214 5161
Website: www.tafe.swin.edu.au/ahs/ind.htm

ENVIRONMENTAL MANAGEMENT

Course title
Diploma in Environmental Management

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent or mature age.

To
VTAC (full-time) or direct to Swinburne for part-time and mid-year intake.
VTAC code: 77741

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

Major studies include: environmental law, planning for emergencies, ecologically sustained development, cleaner production, environmental management.

Note: this course is due for reaccreditation in 2001. Final course details were not available at the time of printing. However, the new content should be much the same as the information above.

Career opportunities
Employment in environmental management roles: cleaner production, waste minimisation and ecologically sustainable development.

Successful completion of the diploma may also allow articulation into Swinburne’s Bachelor of Health Science (Environmental Health Management) with ‘advanced standing’.

Further information
Tel: 1300 368 777 (general enquiries)
Industrial Sciences Department
Tel: (03) 9214 5161
Website: www.tafe.swin.edu.au/ahs/ind.htm

FOOD TECHNOLOGY

Course title
Certificate IV in Food Technology

Duration
The time taken to complete this part-time course will depend on the number of subjects undertaken each semester.

Campus
Hawthorn or workplace.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application procedure
Direct to Swinburne.
VTAC code: 77011

Course overview
This course prepares students for positions in the Food Technology/Processing industry and aims to train them to carry out duties and tasks of a para-professional food-processing technologist.

Career opportunities
Employment as para-professional food processing technologists in the food technology/processing industry.

Further information
Tel: 1300 368 777 (general enquiries)
Industrial Sciences Department
Tel: (03) 9214 5161
Website: www.tafe.swin.edu.au/ahs/ind.htm
**Forensic Science**

**Course title**
Certificate IV in Forensic Science

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

**Campus**
Hawthorn.

**Entry requirements**
Satisfactory completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

**Application procedure**
VTAC and direct to Swinburne.

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

Note: this course is due for reaccreditation in 2001. Final course details were not available at the time of printing. However, the new content should be much the same as the information above.

**Career opportunities**
Entry level positions into the forensic science industry. Positions are not guaranteed.

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

**Further information**
Tel: 1300 368 777 (general enquiries)
Industrial Sciences Department
Tel: (03) 9214 5161
Website: www.tafe.swin.edu.au/ahs/ind.htm

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**Horticulture**

**Course title**
Diploma in Horticulture
Certificate IV in Horticulture
Certificate III in Horticulture – Apprenticeship
Certificate II in Horticulture – Traineeship/Pre-Apprenticeship

**Duration**
Diploma: two years full-time or equivalent part-time.
Certificate IV: three to four years part-time.
Certificate III: three years part-time.
Traineeship: one year part-time.
Pre-Apprenticeship: six months full-time or equivalent part-time.

**Campus**
Wantirna.

**Entry requirements**
**Diploma:** successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

**Certificate IV:** current employment in the horticulture industry or a demonstrated commitment to the industry.

**Certificate III:** must be 15 years or over, have appropriate numeracy and literacy skills and have secured full or part-time employment as an apprentice in the horticulture industry.

**Certificate II:** must be 15 years or over, have appropriate numeracy and literacy skills and have secured full or part-time employment as a trainee in the horticulture industry. Note: the employment condition does not apply to pre-apprenticeship students.

**Application procedure**
VTAC (Diploma full-time) or direct to Swinburne for part-time, or certificates.

**Course overview**
Diploma: aims to develop the essential specific skills required to undertake the many vital functions required of people employed in the horticulture industry. It includes competencies relating to general horticultural practices such as plant nutrition, plant health, propagation and recognition of plants, products and services, as well as competencies relating to business management and administration.

**Certificate IV:** aims provides students with the skills and abilities appropriate to meet the needs of the horticulture industry. It includes competencies relating to plant nutrition, plant health, propagation and recognition of plants, products and services.

**Certificate III:** aims to provide the student with the knowledge and skills needed to operate successfully at trade level in the floriculture, landscape, nursery, and parks and gardens industries.

**Certificate II (Traineeship):** aims to develop appropriate knowledge and skills, which can enable a trainee to perform workplace tasks to specified standards and conditions.

**Certificate II (Pre-Apprenticeship):** aims to prepare pre-employment students with the basic skills and knowledge required to work as an apprentice or trainee in the horticulture industry.

**Career opportunities**
Employment within the nursery, landscape, parks and gardens and floriculture industries.

**Further information**
Tel: 1300 368 777 (general enquiries)
Horticulture and Environmental Sciences Department
Tel: (03) 9210 1234

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Natural Resource Management

Course title
Diploma in Natural Resource Management

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

Campus
Healesville, Lilydale or Distance Learning.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

It is strongly recommended that applicants should have completed at least one VCE unit in each of English, Chemistry, Biology and Mathematics. Applicants without these or similar studies may require bridging studies in order to ensure adequate preparation for the educational objectives of the course.

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

VTAC code: 70751

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

Course overview
Natural resource management 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.

Career opportunities
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.

Further information
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
Horticulture and Environmental Sciences Department
Tel: (03) 9839 2401

The teachers are fantastic
Certificate III in Horticulture (Nursery) – Apprenticeship

Many people spend years agonising over a career choice, but Kristy Lang always knew she was destined for a career in horticulture.

“From the time I was seven years old and my Nan showed me how to grow conifers from seeds. I knew horticulture was the field I wanted to work in.”

While still at school Kristy jumped at the chance of work experience at a local nursery specialising in native plants. She started working part-time at the nursery and was offered an apprenticeship after completing her VCE.

Her four-year apprenticeship combined the practical experience of working full-time at the nursery with one day per week theory and training in horticulture at Swinburne’s Wantirna campus.

Kristy said her course had really advanced her skills. “You learn the basics like potting and watering, and also the more advanced stuff like grafting techniques. The teachers are fantastic, if any of us had an issue at work even if it wasn’t to do with studying, they would ring up and help sort it out with the boss.”

A major benefit of the apprenticeship, was obtaining a good grounding from the horticulture professionals who teach the course. “It’s really important being taught the proper way to do things from the start. I’ve seen people in the industry who have got into a routine of doing things the wrong way and it’s hard to change.”

It isn’t just Kristy who has benefited from her studies – her workplace has also benefited from her expanded knowledge. “My boss has been really open to the things I have brought back from the classroom. We never used to lime the lavender plants until I brought that tip back from Swinburne!”

Now that Kristy has her certificate she is taking a year off from study before starting the Certificate IV. After that she plans to spend even more time in the classroom, achieving her goal to become a trade school teacher so she can pass on her skills and passion for horticulture.
APPLIED AND INDUSTRIAL SCIENCES – TAFE

VITICULTURE

Course title
Diploma in Horticulture (Production)
Certificate III in Food Processing (Wine)

Duration
Diploma: two years full-time or equivalent part-time.
Certificate III: three years part-time.

Campus
Lilydale, Wantirna.

Entry requirements
Diploma: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Certificate III: current employment in the wine industry.

Application procedure
VTAC (Diploma full-time) or direct to Swinburne for part-time or certificate.
VTAC code: to be advised.

Course overview
These programs aim to provide technical, operational and management skills and knowledge to owners, managers and employees involved in the production of grapes and quality wine.

Career opportunities
Skilled vineyard worker or manager/supervisor, owner/operator.

Further information
Tel: 1300 368 777 (general enquiries)
Horticulture and Environmental Sciences Department
Tel: (03) 9210 1234

FARMCARE

Course title
Farmcare – Chemical Accreditation Program

Duration
Thirty-five hours.

Campus
Lilydale, Healesville, Wantirna.

Entry requirements
None.

Application procedure
Direct to Swinburne.

Course overview
The course is designed to provide training in the safe use, storage and disposal of chemicals. During the course, participants develop skills needed to interpret the information contained on the labels of agricultural and horticultural chemicals. Through recognition of pests and diseases, participants are able to apply control measures cost effectively.

Further information
Tel: 1300 368 777 (general enquiries)
Horticulture and Environmental Sciences Department
Tel: (03) 9210 1234

FARMING FOR SUSTAINABILITY

Course title
Farming for Sustainability

Duration
Six months part-time.

Campus
Healesville, Lilydale.

Entry requirements
Applicants should be small property owners, horticultural and agricultural growers and producers and people interested in setting up organically and ‘environmentally friendly’ based enterprises.

Application procedure
Direct to Swinburne.

Course overview
This course is based on a competency from the Diploma in Horticulture. It covers planning and development of sustainable farming systems, recycling and energy use whole farm and catchment planning, soil and water resource management, effective nutrient and pest and disease programs, managing animal systems and financial management.

Further information
Tel: 1300 368 777 (general enquiries)
Horticulture and Environmental Sciences Department
Tel: (03) 9210 1234
Course title
Bachelor of Business

Duration
Three years full-time or six years part-time. An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 34411 (full-time)
34701 (part-time)
2001 ENTER: 85.00

Course overview
The Bachelor of Business equips students with a diverse range of theoretical knowledge and practical skills to prepare them for the demands of tomorrow’s business world.

Key features of this degree are the ability to integrate a wide range of business, information technology, arts and social science subjects, the opportunity to undertake the Industry-Based Learning (or work experience) program and/or travel overseas on international student exchanges or overseas study tours.

In the first year of the course students undertake a range of foundation studies across all Business disciplines, enabling students to ‘sample’ subject areas before committing. Subjects include: Accounting, Microeconomics, Organisations and Management, Law in Global Business, The Marketing Concept, Quantitative Analysis, and Introduction to Information Systems.

Business students can then undertake major studies in at least one subject area combinations. Honours students work independently but in close consultation with a supervisor to undertake a substantial project of their own devising. Honours students continue to accumulate Honours year immediately after their Bachelors degree while others gain part-time employment and concurrently study part-time (by this method Honours normally takes two years).

Honours can be undertaken in Accounting, Finance, Human Resource Management, Information Systems, International Business, Manufacturing Management, Marketing, or any of the above areas of study combined with a language component from either Italian or Japanese.

Career opportunities
Accountancy, advertising, business management, computer programming, financial advice, human resources, market research, public relations, systems analysis.

Professional recognition
The following professional recognition applies to studies in the Bachelor of Business. See separate subject area entries for specific body recognition.

Students who wish to meet the requirements for Professional Recognition by these professional bodies should apply to either the Bachelor of Business, the Bachelor of Business/Bachelor of Arts (Language) or the Bachelor of Business (Accounting).

Business Law#
Business Law enables students to appreciate the impact law has on the business environment.

Law subjects emphasise skills such as the ability to understand arguments, to manipulate abstract concepts and to communicate verbally and in writing. The study of Business Law should be seen as an essential component for successful business people.

Accounting* A knowledge of accounting can help individuals and business organisations understand how to use money (resources) to the best advantage. Gaining insight into accounting is important in understanding the elements of a market economy, plus understanding accounting is important in organising personal finances.

Students can undertake major studies in accounting through the Swinburne Bachelor of Business (Accounting).

Subjects include

Career opportunities
Public accountancy, finance, business consulting, general management.

Professional recognition
Australian Society of Certified Practising Accountants (ASCPA) and the Institute of Chartered Accountants in Australia (ICAA). Students who wish to meet the requirements for Professional Recognition by these professional bodies should apply to either the Bachelor of Business, the Bachelor of Business/Bachelor of Arts (Language) or the Bachelor of Business (Accounting).

Business Specialisations
Students studying degrees or double degrees in Arts, Business, Information Systems, Engineering or Social Science have the option of undertaking subjects from these study areas.

Honours year and Industry-Based Learning program available (except for Bachelor of Arts or Social Science students).
Economics# Economics is the cornerstone of most business disciplines. It is the study of what, how and for whom to produce – in essence how society allocates its resources. Topics range from an examination of macroeconomic problems such as unemployment and inflation, to an examination of the operation of specific markets such as the foreign exchange market.

Subjects include

Career opportunities
Business management, management consultancy, economic research, international trade, financial analysis, banking, policy advisors.

eMarketing#
The Internet revolution is having a profound effect on the conduct of business as we move into the new millennium. Commercialisation of the World Wide Web is revolutionising the study and practice of marketing. Issues addressed in the e-commerce subjects include how end-to-end enterprise-wide technologies are changing the way business is conducted; the development of much more sophisticated methods of customer data management, with corresponding improvements in business efficiency and potential customer satisfaction; the opportunities now available to small- and medium-sized enterprises (SMEs); retailers, international marketers, product developers and researchers, which take on an entirely new perspective when viewed from cyberspace. The fundamental drivers of cybercommerce are investigated, and the implications of this understanding will be used to develop strategies for managing the business of the future in a profitable, ethical and effective way.

Subjects include

Career opportunities
There are great opportunities for employment or entrepreneurial activity in this exciting new business field, and managers of non-Internet businesses of the future will also benefit from a thorough understanding of electronic marketing.

European Business#
The European Business minor outlines the historical, political and legal background of the European Union and develops in students an understanding of the main features of the regulatory and marketing environment which is shaping Europe today.

Subjects include

Career opportunities
The EU’s future enlargement makes Europe a huge market that gives a growing number of Australian firms the opportunity to open up new outlets for their product and services.

Finance*
Finance is one of the fastest growing employment areas, and draws on the disciplines of both economics and accounting. It is concerned with financial and capital markets and government influences on those markets. The analysis of investments and sources of finance covers both domestic and international markets and includes foreign exchange dealings, risk management and business investment.

Subjects include

Career opportunities
Investment advice, corporate treasury, money dealing, sharebroking, portfolio management.

Professional recognition
Australian Institute of Banking and Finance.

Human Resource Management/ Organisation Behaviour*
Human Resource Management studies give students an understanding of the systems and processes involved in managing people at work. Areas of study include strategic human resources management, recruitment and selection, training and development, performance appraisal, and occupational health and safety.

Organisation Behaviour studies provide students with an insight into human behaviour in organisations and the management of people. Areas of study include teamwork, leadership, communication, and motivation. A large proportion of HRM/OB studies at Swinburne is taught in an experiential manner requiring active involvement by students, enabling them to link their studies with practical ‘outside’ experiences.

Students can also undertake major studies in human resource management through the Swinburne Bachelor of Business (Human Resource Management).

Subjects include

Career opportunities
Human resources management, training, recruitment, quality coordination, customer service, administration.

Professional recognition
Associate Membership of the Australian Human Resources Institute. Students who wish to meet the requirements for professional recognition by this body should apply to either the Bachelor of Business (HRM), Bachelor of Business, or the Bachelor of Business/Bachelor of Arts (Language).

Information Systems*
In today’s technologically advanced society, the study of computing and information systems is vital for tertiary students. Students can choose from several options including:

Business Computing: for students who see themselves as users of information systems rather than computer professionals.

Business Systems: for students who wish to focus on the analysis of business information needs.

Software Development: for students seeking to specialise in the design, development and implementation of computer based systems.

Students can also undertake major studies in information systems through the Swinburne Bachelor of Information Systems or the double degree Bachelor of Information Systems/Bachelor of Business (different VTAC codes – see separate entries in this publication).

Major studies

Career opportunities
Systems analysis, project management, systems development, software support.

Professional recognition
Level 1 accreditation Australian Computer Society. Students who wish to meet the requirements for Professional Recognition by this body are required to select an approved set of information systems subjects.

International Business*
Industry, government and educational institutions recognise that business is increasingly being conducted in a global market place. International business does not simply mean the export of goods. It includes the export of services such as accounting services, trade in intellectual property, foreign direct investment, overseas portfolio investment and electronic commerce. International Business at Swinburne reflects this diversity and complexity.

Career opportunities

Professional recognition

In today’s technologically advanced society, the study of computing and information systems is vital for tertiary students. Students can choose from several options including:

Business Computing: for students who see themselves as users of information systems rather than computer professionals.

Business Systems: for students who wish to focus on the analysis of business information needs.

Software Development: for students seeking to specialise in the design, development and implementation of computer based systems.

Students can also undertake major studies in information systems through the Swinburne Bachelor of Information Systems or the double degree Bachelor of Information Systems/Bachelor of Business (different VTAC codes – see separate entries in this publication).

Major studies

Career opportunities

Professional recognition

Industry, government and educational institutions recognise that business is increasingly being conducted in a global market place. International business does not simply mean the export of goods. It includes the export of services such as accounting services, trade in intellectual property, foreign direct investment, overseas portfolio investment and electronic commerce. International Business at Swinburne reflects this diversity and complexity.
International Business can also be seen as a support to other subject areas in Business (especially Marketing, Finance or Accounting), or Arts (especially students undertaking majors in a Language (Italian or Japanese), Politics, Asian Studies or European Studies).

Subjects include

Career opportunities
International trade, business management, business consultancy.

Management*
Management is the multi-discipline approach to achieving organisational outcomes in working with resources of all kinds – such as human, financial and technological resources – all in a dynamic and competitive national and international context.


Subjects include

Career opportunities
General management, small and medium enterprises, management traineeships and cadetships in large businesses and organisations.

Professional recognition
Accreditation and recognition is being sought from the Australian Institute of Management.

Manufacturing Management*
Manufacturing Management is the multi-discipline approach to achieving desired goals in working with resources of all kinds – such as human, financial and technological resources – all in a dynamic and competitive national and international context.

The scope and need of managers in manufacturing has been growing rapidly. The multi-disciplinary nature of the field is reflected in the choice of subjects offered at Swinburne. After basic studies in management in a manufacturing/processing setting (including quality management), further studies are undertaken in one of the following specialisations: Accounting, Business Law, Human Resource Management/Organisational Behaviour, or Marketing.

Subjects include

Career opportunities
Manufacturing and processing contexts for human resource management, marketing and accountancy.

This course is sponsored by the Foundation of Australian Manufacturing Education (FAME).

Marketing*
Marketing theory and practice have become essential ingredients in the operations of most organisations. Whether the organisation represents a government authority, is in the private sector, or deals in goods or services, marketing plays an increasingly important role. Marketing is about satisfying customers with the best products at a mutually beneficial cost.

Students can also undertake major studies in marketing through the Swinburne Bachelor of Business (Marketing).

Subjects include

Career opportunities
Public relations, advertising, product/brand management, market research, direct marketing, international marketing.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Business
Tel: (03) 9214 5046
Email: busheh@swin.edu.au
Website: www.swin.edu.au/business

*Bachelor of Business students are required to undertake a major study sequence in at least one of these subject areas.

#Available as minor study sequence only.
**Business, Innovation and Management – Degrees**

**Career opportunities**
Students with accounting majors or minors find rewarding work in industry, commerce, the public sector, the finance industry or business consulting.

**Professional recognition**
Graduates with a recognised accounting major plus other appropriate subjects are eligible for membership of CPA Australia and the Institute of Chartered Accountants (ICA).

**Economics**
Understanding economic principles is an important requirement for a career in business. An economic approach to important practical social and business problems is the focus of the economics discipline.

Economics is the study of what, how and for whom to produce – in essence, how society can achieve the maximum benefit from available resources. It emphasises the importance of sound decision-making, at the level of the individual, the firm, and the society as a whole. Economics examines problem areas such as unemployment, inflation, foreign debt and environmental degradation. It also provides guidance to decision-makers on appropriate strategies for successful operation in both local and international markets.

**Subjects include**

**Career opportunities**
Students completing an economics major or minor find employment in a wide range of challenging fields in both the public and private sectors. These include administration, management consulting, economic policy evaluation, financial analysis, banking and market analysis.

**HR Management**
Human Resource Management involves managing and coordinating the productive use of people to achieve the strategic business objectives of the organisation. Most HRM departments are responsible for planning, coordinating and advising on legal aspects of employment, determining, attracting and selecting employees; and developing, rewarding and managing human resources. It serves as a catalyst for implementing and managing change and development and takes a ‘line management’ perspective to contribute to corporate profit margins.

**Subjects include**
Organisations and Management, Human Resource Management, Organisational Behaviour, Organisations and Society, Organisational Change and Development, Strategic Planning and Project Management.

**Career opportunities**
Graduates with a HRM major are well equipped to work in the HR departments of organisations. Studies in HRM lead to job opportunities where there is a focus on employing human resources.

**Information Systems/Business Computing**
In today’s world, information has pervaded every aspect of business organisations. As such, the study of information systems and the supporting technology is vital for any business student. The emphasis is on the effective use of information technology within an organisation and the development of systems for solving business problems.

**Subjects include**

**Career opportunities**
Information Systems includes the development of management oriented systems support and executive information systems. Career opportunities abound in the areas of management of information technology implementations and the design and analysis of IT solutions.

**Management**
Management addresses the principles and processes of management strategies, structures and practices. In the context of a competitive globalised economy students study how to develop expertise in professional management. The course recognises the diverse relationships accompanying increasingly rapid change in organisations, development processes and the nature of work. It also examines the challenge that organisations face to incorporate e-business and ecommerce into their operations. Students are challenged to become pro-active and self managing and are encouraged to develop creative decision making skills. The discipline incorporates a work integrated learning project where students may investigate, on an individual level or in groups, a specific area of management.

**Subjects include**

**Career opportunities**
Graduates with a management major are well equipped to start a professional management career. Studies in management lead to job opportunities across industries, government departments and agencies, education as well as self-employment.

**Marketing**
Marketing deals with the building and implementing of customer focus. It looks at the components of a marketing plan and marketing’s central role in strategy, consumer behaviour, demand determinants, customer focus, market research, market planning, product and services management, retail, advertising and promotion, and international marketing and cultures.

**Subjects include**
Marketing Concepts, Marketing Behaviour, Marketing Planning, Marketing Communications, Survey Research Methods, Product Management, Services Marketing and Management

**Career opportunities**
Graduates with a marketing major are able to seek employment in the areas of market research, advertising and promotion, retailing, market planning, product and services management, tourism and international marketing.

**Professional recognition**
Graduates with a marketing major are eligible for associate membership of the Australian Marketing Institute (AMI).

**Tourism**
The tourism stream provides a more industry-specific focus for the understandings provided in the business subjects, and uses an interdisciplinary approach which views tourism as a form of human behaviour as well as a business interest. All subjects will encourage the development of important generic skills in presentation, problem-solving, communication and lifelong learning.

**Subjects include**
Tourist Destination Management, Tourism Enterprise Development, Tourism Services, Tourism Channels and Travel Management, Planning and Management in Ecotourism.

**Career opportunities**
Graduates of this course may find employment in the wide range of tourism enterprises (eg, attractions, transport and tour services), and in other enterprises where tourists are involved. They will also be equipped to develop and run their own businesses in the tourism field.

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

**Further information**
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: 03 9215 7000
Email: Idinfo@swin.edu.au
Website: www.la.swin.edu.au
**ACCOUNTING (HAWTHORN)**

**Course title**  
Bachelor of Business (Accounting)

**Duration**  
Three years full-time or six years part-time.  
An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

**Campus**  
Hawthorn.

**Entry requirements**  
Successful completion of an appropriate Victorian Year 12 or its equivalent.  
2002 VCE prerequisites: Units 3 and 4 — a study score of at least 20 in English (any).

**Application procedure**  
VTAC code: 34411 (full-time)  
34701 (part-time)  
2001 ENTER: 85.00

**Course overview**  
The Bachelor of Business (Accounting) is specifically designed for students seeking recognition by professional accounting bodies. It offers specialisation in the accounting field while maintaining good general business knowledge and practical skills development.

**Major studies**  

Students can also choose subjects from the same wide range of business, arts and social science subjects as listed for the Bachelor of Business (see page 27).

Students can also undertake major studies in Accounting through the general Swinburne Bachelor of Business.

**Career opportunities**  
Students with studies in accounting find rewarding work in industry, commerce, the public sector, the financial industry or business consulting and public accounting.

**Professional recognition**  
Graduates fulfil the requirements for recognition by the Australian Society of Certified Practicing Accountants (ASCPA) and the Institute of Chartered Accountants in Australia (ICAA).

**Information sessions**  
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

**Further information**  
School of Business  
Tel: (03) 9214 5046  
Email: busheh@swin.edu.au  
Website: www.swin.edu.au/business

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**STUDENT PROFILE**

**MEG AUMANN**

**NOW I KNOW I CAN DO ANYTHING**

*Bachelor of Business*

While growing up in Seville, Meg Aumann felt she was held back by society's attitudes to Deaf* people. Particularly in rural communities, being Deaf can be isolating and restrictive.

“Before university, I had never achieved anything and I was always made to feel that I couldn’t do some things. Now, I know I can do anything,” she said.

Describing university life she said, “It allows me to be fully independent. At school I was never given the independence I craved for. It really reinforces my belief that Deafness does not stop me from achieving my dreams and goals.

“The course has broadened my mind about many aspects of business. The oral presentations definitely gave me confidence. At the start of my course, I hated public speaking – now I love it.”

At university you can’t help meeting like-minded people. Meg was no exception and took the opportunity to meet up with fellow Deaf students from other universities. This led to Meg and a group of Deaf students establishing the Victorian Deaf Tertiary Student Council, which aims to improve Deaf students’ access to education.

While at Swinburne, Meg joined the board of the Australian Association of the Deaf. She was also instrumental in setting up Deaf Youth On-Line; a website where Deaf people can communicate and learn about Deaf issues.

Meg said, “You need business skills to organise and design a website. My studies definitely played a part in the success of the site. Being professional helped us recently, we received a grant that will allow us to become national in 2001.”

Her commitment and hard work for the Deaf community was recognised in 2000, when she received the National Australian Deaf Youth Achiever’s award.

Now Meg has graduated, she has a full-time job as a public relations officer at Victorian Services for Deaf Children, where she not only puts her business skills in to practise but also works towards her goal of improving the Deaf community’s image and encouraging Deaf children and young people to achieve their dreams.

* Meg has requested that the word Deaf be capitalised to reflect the socio-cultural view of deafness she holds.
ACCOUNTING (LILYDALE)

Course title
Bachelor of Business (Accounting)

Duration
Three years full-time or equivalent part-time. An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

Campus
Lilydale.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent. 2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 35021 (full-time)
35181 (part-time)
2001 ENTER: 68.15

Course overview
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. The major may be combined with majors/minors from other disciplines available at the Lilydale campus subject to timetabling constraints.

Major studies
Financial and corporate accounting, management accounting, finance, taxation, auditing.

Career opportunities
Professional accountant in auditing, liquidation, taxation, investment, finance, management, computer accounting and costing, in industry, in private accounting firms, in the public sector and overseas. Minor studies in accounting can assist in marketing, investment analysis, information systems, management, business law, non-profit management, entrepreneurial activities and international business.

Professional recognition
This degree has been granted provisional accreditation by CPA Australia and the Institute of Chartered Accountants (ICA).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: ldninfo@swin.edu.au
Website: www.id.swin.edu.au

ECOMMERCE

Course title
Bachelor of Business (eCommerce)

Duration
Three years full-time. An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

Campus
Lilydale or Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent. 2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: to be advised.
2001 ENTER: New course for 2001

Course overview
This degree addresses the needs of business people, and others, working in an environment significantly influenced by the widespread application of new technologies. The program reflects a need for new business models and strategies to better cope with the complexity, paradoxes and new ways of thinking in a globally networked business environment.

The first two years of the degree incorporates TAFE components. The third year draws upon the earlier years of study and strengthens the conceptual and theoretical frameworks applied.

Major studies

Career opportunities
Graduates are well equipped to find employment within the rapidly growing eBusiness environment in the public and private sectors. Studies in eCommerce, combined with additional fields of study, provide opportunities across a wide range of industries including marketing, management, tourism and information technology.

Professional recognition
Accreditation will be made through the Australian Computer Society framework and other professional organisations as appropriate (for example, Australian Institute of Management).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: ldninfo@swin.edu.au
Website: www.id.swin.edu.au

HUMAN RESOURCES

Course title
Bachelor of Business (Human Resource Management)

Duration
Three years full-time or six years part-time. An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent. 2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 34411 (full-time)
34701 (part-time)
2001 ENTER: 85.00

Course overview
The Bachelor of Business (Human Resource Management) is specifically designed for students seeking recognition by the Australian Human Resources Institute. It offers specialisation in the HRM field while maintaining good general business knowledge and practical skills development. Students can also undertake major studies in Human Resources Management through the general Swinburne Bachelor of Business.

Major studies

Students can also choose subjects from the same wide range of business, arts and social science subjects as listed for the Bachelor of Business (see page 21).

Career opportunities
Human resources, training management, recruitment, quality coordinator, customer service, administration.

Professional recognition
Graduates of this course are recognised by the Australian Human Resources Institute (AHR). Students can also choose subjects from the same wide range of business, arts and social science subjects as listed for the Bachelor of Business (see page 21).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Business
Tel: (03) 9214 5046
Email: busheh@swin.edu.au
Website: www.swin.edu.au/business
Attendance is recommended.

Sunday 26 August between 11.00am and 3.00pm.

Information sessions
educational requirements for recognition as an Associates of the Australian Marketing Institute

Graduates of this course are eligible to become Professional recognition international marketing.

Career opportunities
wide range of business, arts and social science disciplines enabling students to ‘sample’ subject areas before committing. Subjects include: Accounting, Microeconomics, Organisations and Management, Law in Global Business, The Marketing Concept, Quantitative Analysis, and Information Systems.

Students are required to undertake at least one language from Italian or Japanese and undertake a major study sequence in at least one of: Accounting, Finance, Human Resource Management/Organisation Behaviour, Information Systems, International Business, Management, Manufacturing Management or Marketing (see separate entries for further details on each of these, refer page 21-24).

Major studies

Students can also choose subjects from the same wide range of business, arts and social science subjects as listed for the Bachelor of Business (see page 21).

Career opportunities
Public relations, advertising, product/brand management, market research, direct marketing, international marketing.

Professional recognition
Graduates of this course are eligible to become Certified Practising Marketer.

Further information
School of Business
Tel: (03) 9214 5046
Email: bizschh@swin.edu.au
Website: www.swin.edu.au/business
Students can also undertake another major or
minor study sequence to single subjects,
depending on career aspirations or interests
(refer to list on page 21).

Honours
An Honours degree reflects an achievement of
excellence in a chosen field of study and can
enhance employment prospects and increase
managerial opportunities. Honours students work
independently but in close consultation with a
supervisor on a substantial project of their choice.
Students are required to collect and analyse data
and produce a substantial written thesis (10,000
to 15,000 words) on their findings. Many students
continue on to undertake their Honours year
immediately after their Bachelors degree while
others gain full-time employment and
concurrently study part-time (by this method
Honours would normally take two years).

Honours can be undertaken in Accounting,
Finance, Human Resource Management,
Information Systems, International Business,
Manufacturing Management, Marketing, or any of
the above areas of study combined with a
language component from either Italian or
Japanese.

Career opportunities
Graduates of this double degree enjoy
opportunities wherever the selected language is
spoken, with particular advantages in
organisations where there are either joint country
business ventures or offices located in the
country of the chosen language. The business
majors provide graduates with skills in a wide
range of professional occupations. For career
opportunities based on business majors refer to
Business specialisations .

Professional recognition
For full details pertaining to this course refer to
the Bachelor of Business course entry.

Information sessions
Sunday 26 August between 11.00am and
3.00pm. Attendance is recommended.

STOP PRESS
During this double degree, many Swinburne
students elect to undertake an International
Student Exchange program of either six or twelve
months. Students who participate in this program
believe it is an experience they will never forget.
They return more confident and mature with
experience that can bolster the impact of a
resume. Countries where we have exchange
agreements include: Canada, Germany, Hungary,
Italy, Japan, Korea, Poland, Thailand and the USA.

Further information
School of Business
Tel: (03) 9214 5046
Email: busheh@swin.edu.au
Website: www.swin.edu.au/business

Course title
Bachelor of Business/
Advanced Diploma of Business (Accounting)

Duration
Four years full-time.
An optional and additional year of Industry-Based
Learning (IBL) may also be available.

Campus
Advanced Diploma: Croydon, Lilydale, Wantirna.
Degree: Lilydale.

Entry requirements
Successful completion of an appropriate Victorian
Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study
score of at least 20 in English (any).

This course is not available to students who have
completed an Advanced Diploma of Business
(Accounting).

Application procedure
VTAC code: 35041
2001 ENTER: 62.20

Course overview
Students undertake both an Advanced Diploma of
Business (Accounting) and a Business degree. This
dual award course provides students with the
opportunity not only to gain specialist accounting
training at a theoretical and practical level but also
to undertake minors in a variety of related areas
including economics, finance and human resource
management.

Major studies
Financial Accounting, Financial management
Principles, Computer Accounting Systems,
Company and Incorporated Associations Law,
Management Accounting Applications, Taxation,
Auditing, Corporate Accounting

Career opportunities
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.

Professional recognition
On completion of the Advanced Diploma of
Business (Accounting) graduates will be eligible to
apply for membership of the National Institute
of Accountants (NIA). The Bachelor of Business has
been separately accredited by the CPA Australia
and the Institute of Chartered Accountants in
Australia (ICAA).

Information sessions
Sunday 26 August between 11.00am and 3.00pm.
Attendance is recommended.
SEE ALSO

Bachelor of Arts/Diploma in Business (Administration) Refer Social Science and Arts
Bachelor of Business (Tourism and Enterprise Management) Refer Hospitality and Tourism
Bachelor of Engineering/Bachelor of Business Refer Engineering and Technology
Bachelor of Information Systems Refer Computing and Information Technology
Bachelor of Information Systems/Bachelor of Business Refer Computing and Information Technology
Bachelor of Multimedia (Business Marketing) Refer Multimedia
Bachelor of Science (Biotechnology/Bachelor Business) Refer Applied and Industrial Sciences
Bachelor of Technology (Air Transportation Management) Refer Engineering and Technology
Bachelor of Technology (Air Transportation Management)/Bachelor Business Refer Engineering and Technology
### Accounting

**Course title**  
Advanced Diploma of Business (Accounting)  
Diploma of Business (Accounting)  
Certificate III in Accounting

**Duration**  
Advanced Diploma: two years full-time or equivalent part-time.  
Diploma: one year full-time or equivalent part-time.  
Certificate III: six months full-time or equivalent part-time.

**Campus**  
Croydon, Hawthorn, Lilydale, Prahran, Wantirna or Distance Learning.

**Entry requirements**  
Advanced Diploma/Diploma: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.  
Certificate: None.

**Application procedure**  
VTAC (Advanced Diploma/Diploma full-time) or direct to Swinburne for part-time, Certificate, and mid-year intake.  
VTAC code: 70201 (Croydon)  
77201 (Hawthorn)  
70721 (Lilydale)  
78201 (Prahran)  
71201 (Wantirna)

**Course overview**  
The Advanced Diploma covers areas such as costing, payroll, accounts payable, accounts receivable, taxation and budgeting. Students gain hands-on experience using accounting, taxation, spreadsheet, database and word processing software.

The Diploma develops practical skills in basic to intermediate accounting procedures, computerised accounting, law, communications, mathematics, statistics and computer applications such as word processing, databases and spreadsheets.

The Certificate offers practical training in basic accounting, computing, communications and computerised accounting.

**Career opportunities**  
Advanced Diploma: a variety of professional accounting positions.  
Diploma: employment as bookkeeper for a small business or an assistant accountant in medium and larger businesses.  
Certificate III: payroll, accounts receivable or accounts payable clerk.

**Professional recognition**  
Graduates of the Advanced Diploma are eligible for membership of the National Institute of Accountants (NIA).

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Distance Learning: 1800 633 560  
School of Business and eCommerce  
Tel: (03) 9213 6685 (Croydon/Lilydale/Wantirna)  
(03) 9214 8165 (Hawthorn)  
(03) 9214 6754 (Prahran)

### Advertising

**Course title**  
Advanced Diploma of Business (Advertising)  
Diploma of Business (Advertising)  
Certificate IV in Business (Advertising)

**Duration**  
Advanced Diploma: two years full-time or equivalent part-time.  
Diploma: eighteen months full-time or equivalent part-time.  
Certificate IV: one year full-time or equivalent part-time.

**Campus**  
Prahran.

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

**Application procedure**  
VTAC or direct to Swinburne for mid-year intake.  
VTAC code: 78091

**Course overview**  
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.

**Career opportunities**  
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.

**Professional recognition**  
Students who complete the Advanced Diploma may be admitted as members of the Advertising Institute of Australia (IAA).

**Further information**  
Tel: 1300 368 377 (general enquiries)  
School of Business and eCommerce  
Tel: (03) 9214 6754 (Prahran)

### Asset Finance

**Course title**  
Diploma of Business (Asset Finance)  
Certificate III in Business (Asset Finance)

**Duration**  
Diploma: two years part-time.  
Certificate III: one year part-time.

**Campus**  
Hawthorn.

**Entry requirements**  
This course is more suited to mature age applicants who have industry or other relevant experience. However, Year 12 students may be considered.

**Application procedure**  
Direct to Swinburne.

**Course overview**  
This course will meet the needs of those who wish to broaden the skills they have already gained, or who want to develop vocational knowledge and skills for those aspiring to be asset financiers, brokers, credit analyst, lending officers and consultants. The course provides training in computing, business law, communication skills and finance.

**Career opportunities**  
Asset financiers, brokers, credit analyst, lending officers, consultants

**Professional recognition**  
Fully endorsed by the Australian Asset Finance Association (AAFA).

**Further information**  
Tel: 1300 368 777 (general enquiries)  
School of Business and eCommerce  
Tel: (03) 9214 8165 (Hawthorn)
Banking and Finance

Course title
Diploma of Business (Banking and Finance)

Duration
Two years full-time, or equivalent part-time. Distance Learning: four years.

Note: this course is offered in conjunction with the Diploma of Business (Accounting). Part-time students may choose to complete one or both diplomas.

Campus
Hawthorn or Distance Learning.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

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

Course overview
This course provides in depth training for people who currently work, or seek employment in the banking and finance industry. The aim of the training is to develop and enhance the skills and knowledge in accounting, law and financial management for a career as bank branch manager or for people engaged in specialised functions in a large branch or head office.

Career opportunities
Bank branch manager.

Professional recognition
Membership of the Australian Institute of Banking and Finance.

Further information
Tel: 1300 368 777 (general enquiries) Distance Learning: 1800 633 560 School of Business and eCommerce Tel: (03) 9214 8165 (Hawthorn) (03) 9214 6754 (Prahran)

Business Administration

Course title
Diploma of Business (Administration)
Certificate IV in Business (Administration)
Certificate III in Business (Office Administration)
Certificate II in Business (Office Administration)

Duration
Diploma: two years full-time or equivalent part-time.
Certificate IV: one and a half years full-time or equivalent part-time.
Certificate III: one year full-time or equivalent part-time.
Certificate II: six months full-time or equivalent part-time

Campus
Croydon, Hawthorn, Lilydale, Prahran, Wantirna, Workplace

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application procedure
VTAC for the first year (Diploma/Certificate full-time) or direct to Swinburne for part-time, Certificate II/III and mid-year intake.

Course overview
Diploma: provides participants with the theoretical and practical knowledge and skills required for senior level administrative positions. It places emphasis on people management, organisational and technology skills.
Certificate IV: develops the skills and knowledge required for employment in administration and office support.
Certificate III: covers entry level training in office technology, administration and basic bookkeeping.

Career opportunities
Diploma/Certificate IV: office management, personal assistant, executive officer, office administrator, office supervisor.
Certificate II/III: receptionist or clerical assistant.

Further information
Tel: 1300 368 777 (general enquiries) Distance Learning: 1800 633 560 School of Business and eCommerce Tel: (03) 9210 1224

Call Centres

Course title
Certificate III in Communications (Call Centres)
Certificate II in Communications (Call Centres)

Duration
Eight weeks full-time (3 days per week) or ten weeks part-time (evening).

Campus
Croydon, Prahran.

Entry requirements
There are no formal entry requirements. However, applicants should possess basic computer skills and fluency in written and spoken English.

Application procedure
Direct to Swinburne.

Course overview
These courses aim to develop highly skilled call centre operators who become the frontline staff for business and service industries. All training involves practical, live experience in our call centre training facility in addition to the theoretical and simulated learning applications.
Certificate III: designed to significantly broaden the knowledge and practices that are required to take a leading role in the communication and customer service sector of an enterprise.
Certificate II: provides participants with introductory experiences, concepts and skills in a broad range of customer service and communication to effectively disseminate information and services for enterprises.

Career opportunities
Call centre operator at the entry level with the potential to become a supervisor or team leader through additional training and study.

Further information
Tel: 1300 368 377 (general enquiries) School of Business and eCommerce Tel: (03) 9210 1224

Website: www.swin.edu.au
**Credit Management**

**Course title**
Diploma of Financial Services (Credit Management)
Certificate IV in Business – Credit Officer
Certificate III in Business (Credit)

**Duration**
Diploma: four to five years part-time.
Certificate IV: three years part-time.
Certificate III: two years part-time

**Campus**
Prahran or Distance Learning.

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

**Application procedure**
Direct to Swinburne.

**Course overview**
Diploma: aims to develop the knowledge and skills in managing the commercial credit functions in both large and small business. Specialised skills are covered to broaden management skills such as economics, credit finance and management and debt recovery law.
Certificate IV: aims at supervisor level and further develops knowledge and skills in the commercial credit function. Law subjects and more advanced computing and communication subjects are covered.
Certificate III: introduces students to practices and procedures related to credit finance.

**Career opportunities**
Diploma: credit manager.
Certificate IV: employment as a supervisor in the credit finance field.
Certificate III: entry level positions in the credit finance field.

**Professional recognition**
Graduates of the Diploma are eligible for membership of the Australian Institute of Credit Management.

**Further information**
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
School of Business and eCommerce
Tel: (03) 9214 6754

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**eCommerce**

**Course title**
Advanced Diploma of Business (eCommerce)
Diploma of Business (eCommerce)

**Duration**
Advanced Diploma: two years full-time or equivalent part-time.
Diploma: one year full-time or equivalent part-time.

**Campus**
Prahran.

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

**Application procedure**
VTAC or direct to Swinburne for mid-year intake.
VTAC code: tba

**Course overview**
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.

**Career opportunities**
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.

**Further information**
Tel: 1300 368 777 (general enquiries)
School of Business and eCommerce
Tel: (03) 9214 6798

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**Financial Services**

**Course title**
Advanced Diploma of Business (Financial Services – Distribution)
Diploma of Business (Financial Services – Distribution)
Certificate IV in Business (Financial Services – Distribution)

**Duration**
Advanced Diploma: four years part-time.
Diploma: three years part-time.
Certificate IV: eighteen months part-time.

**Campus**
Hawthorn.

**Entry requirements**
Advanced Diploma/Diploma: mature age or at least four to six years experience in the financial services industry.
Certificate IV: mature age or at least two years experience in the financial services industry.

**Application procedure**
Direct to Swinburne.

**Course overview**
This course is aimed at senior or career Financial Services & Distribution managers who manage financial service products. It would also be of great benefit to staff who sell and advise. It prepares middle managers within the industry to be more effective in the distribution of financial service products and managing staff.

**Career opportunities**
There is a wide range of careers available within the industry. The course may also allow Pathways to one of Swinburne’s degree programs.

**Professional recognition**
Endorsed by the Financial Managers Association of Australia (FMAA).

**Further information**
Tel: 1300 368 777 (general enquiries)
School of Business and eCommerce
Tel: (03) 9214 8165
**Frontline Management**

**Course title**
- Diploma in Frontline Management
- Certificate IV in Frontline Management
- Certificate III in Frontline Management

**Duration**
One to two years part-time.

**Campus**
- Workplace

**Entry requirements**
Participants need to be working in a supervisory/management position.

**Application procedure**
Direct to Swinburne.

**Course overview**
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.

**Career opportunities**
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.

*Further information*
Tel: 1300 368 777 (general enquiries)
School of Business and eCommerce
Tel: (03) 9213 6685

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**Human Resources**

**Course title**
- Advanced Diploma of Business (Human Resource Management)
- Diploma of Business (Human Resource Practice)
- Certificate IV in Business (Human Resource Operations)

**Duration**
- Advanced Diploma: one and a half years full-time or equivalent part-time.
- Diploma: one year full-time or equivalent part-time.
- Certificate IV: six months full-time or equivalent part-time.

**Campus**
- Croydon, Hawthorn (part-time only).

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

**Application procedure**
VTAC (full-time) or direct to Swinburne for part-time and mid-year intake.
VTAC code: 70841 (Croydon)

**Course overview**
Provides graduates with the skills, knowledge and professional practices to perform duties related to human resource operation in private or public organisations.

- Advanced Diploma: aims to extend and broaden the training provided in the Diploma and develops skills in management and business operations.
- Diploma: aims to develop a set of human resource competencies to enable the participant to work in a specific human resource role.
- Certificate IV: aims to provide a broad grounding in generic workplace skills and knowledge of human resource operations.

**Career opportunities**
Advanced Diploma: management positions in HR organisations or departments.
Diploma/Certificate: support staff in personnel, human resource management.

*Further information*
Tel: 1300 368 777 (general enquiries)
School of Business and eCommerce
Tel: (03) 9213 6685 (Croydon)
(03) 9214 5594 (Hawthorn)

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**International Business**

**Course title**
- Advanced Diploma of Business (International Business)
- Diploma of Business (International Trade)
- Certificate IV in Business (International Trade)

**Duration**
- Advanced Diploma: two years full-time or equivalent part-time.
- Diploma: one and a half years full-time or equivalent part-time.
- Certificate IV: one year full-time or equivalent part-time.

**Campus**
- Hawthorn, Wantirna (CertIV/Diploma only).

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age with relevant industry experience.

**Application procedure**
VTAC (full-time) or direct to Swinburne for part-time and mid-year intake.
VTAC code: 77221 (Hawthorn)
71221 (Wantirna)

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

**Diploma/Certificate:** emphasis is placed on areas such as transportation, customs, marketing, cultural differences, the international trade environment, logistics and economics.

**Career opportunities**
Advanced Diploma: management positions in shipping and transport, public and private import/export organisations.
Diploma: operational, frontline, middle management, and supervisory roles of all business and commercial ventures. Specifically the international trade/service areas of shipping, marketing, freight, forwarding and customs.
Certificate: clerical positions relating to export documentation, sales or shipping.

*Further information*
Tel: 1300 368 777 (general enquiries)
School of Business and eCommerce
Tel: (03) 9214 8720
LEGAL PRACTICE

Course title
Advanced Diploma of Business (Legal Practice)

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

Campus
Croydon, Hawthorn, Prahran, Wantirna or Distance Learning

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

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

VTAC code:
- 77051 (Hawthorn)
- 71071 (Wantirna)

Course overview
This course provides essential qualifications for people wishing to work in the legal area without completing a law degree. Students develop sound principles, practises and knowledge including high level technology legal skills to provide guidance and services to clients in a legal environment.

Career opportunities
Law clerk, legal secretary, or paralegal positions.

Further information
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
School of Business and eCommerce
Tel: (03) 9210 1224

LIBRARY AND INFORMATION STUDIES

Course title
Diploma of Library and Information Studies
Certificate III in Library and Information Studies

Duration
Diploma: two years full-time or equivalent part-time.
Certificate III: one year full-time or equivalent part-time.

Campus
Prahran.

Entry requirements
Diploma: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Certificate III: no formal entry requirements. However, applicants should possess basic communication and keyboard skills, along with word processing and spreadsheet fundamentals. Bridging courses are available in these areas if needed.

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

VTAC code: 78801

Course overview
Diploma: develops broader and specialist knowledge and skills required to manage practices within the library/information sector.
Certificate III: concentrates on introducing and developing skills to work in a variety of assistant roles whilst developing sound knowledge of the library/information systems.

Career opportunities
Library technicians and library officers in a wide range of library types and other information agencies.

Further information
Tel: 1300 368 777 (general enquiries)
School of Business and eCommerce
Tel: (03) 9214 6789

MANAGEMENT

Course title
Advanced Diploma of Management
Diploma of Management
Certificate IV in Management
Certificate III in Management

Duration
Advanced Diploma: one year part-time (evening).
Diploma: one year full-time (Prahran only) or equivalent part-time.
Certificate IV: six months full-time (Prahran only) or equivalent part-time.
Certificate III: six months full-time (Prahran only) or equivalent part-time.

Campus
Croydon, Lilydale, Prahran, Wantirna or Distance Learning.

Entry requirements
Mature age applicants who have industry or other relevant experience. However, Year 12 students may be considered for the full-time course.

Application procedure
Direct to Swinburne.

Course overview
Certificate III: identifies strategies for achieving financial and work goals and objectives. It also introduces the skills required to develop and manage individuals and teams.
Certificate IV: aims to further develop skills required to effectively manage people in the workplace and focuses on the importance of financial aspects when making decisions.
Diploma: develops an innovative and entrepreneurial attitude to management by studying a range of modules designed to enhance advanced skills in management.
Advanced Diploma: concentrates on introducing further management modules to build upon the knowledge gained from completing the nested programs.

Career opportunities
Frontline and middle management positions in a range of companies in the private and public sector.

Professional recognition
Membership of the Australian Institute of Management (AIM).

Further information
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
School of Business and eCommerce
Tel: (03) 9213 6685 (Croydon and Lilydale)
(03) 9214 6754 (Prahran)
(03) 9213 6685 (Wantirna)
MARKETING

Course title
Advanced Diploma of Business (Marketing)
Diploma of Business (Marketing)
Certificate IV in Business (Sales and Marketing)

Duration
Advanced Diploma: two years full-time or equivalent part-time.
Diploma: one and a half years full-time or equivalent part-time.
Certificate: one year full-time or equivalent part-time.

Campus
Hawthorn, Lilydale, Wantirna or Distance Learning.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application procedure
VTAC for the first year (full-time) or direct to Swinburne for part-time, distance and mid-year intake.
VTAC code: 77261 (Hawthorn) 70301 (Lilydale) 71261 (Wantirna)

Course overview
Certificate IV: introduces basic marketing concepts and selling skills while developing a sound basis in many general areas such as law, mathematics, computing and communications.
Diploma: specialised aspects of marketing are introduced such as sales merchandising, logistics and market research.
Advanced Diploma: introduces and expands on specialised aspects of marketing such as strategic, services and direct marketing, product management and research.

Career opportunities
Certificate/Diploma: a range of positions in sales and marketing.
Advanced Diploma: management positions in marketing and sales management.

Professional recognition
Membership of the Australian Marketing Institute (AMI).

Further information
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
School of Business and eCommerce
Tel: (03) 9213 6685 (Droydon and Lilydale) (03) 9214 8720 (Hawthorn) (03) 9213 6685 (Wantirna)

IT WAS A GREAT HELP TO BE ABLE TO START MID-YEAR

ADVANCED DIPLOMA OF BUSINESS (MARKETING)

For Andrew Meyers, enrolling in Swinburne’s Advanced Diploma of Business (Marketing) was a completely new direction. The young graduate already had a science degree when he realised that there was a marketer inside trying to get out.

At school Andrew had always been good at logic based subjects, like maths and the sciences. So when he finished his VCE, a science degree seemed the logical next step. Although he enjoyed the degree he admits, “Even in the first year I was not one hundred per cent certain science was what I really wanted to do.”

After graduating Andrew was undecided on what his next step should be, so he talked to a couple of friends that had done business courses at Swinburne and the idea of a marketing course started to germinate. By then he had missed the normal starting date but all was not lost. As he explained, “Swinburne let me start the course mid-year, and that kind of flexibility was a great help.”

Andrew found Swinburne’s flexible approach suited a lot of his fellow students. “Some people left after the first year to start their own business, some joined from other courses and others went on to a marketing degree.”

Student life is not just about studying. Andrew enjoyed Wantirna’s small campus, “it means you bump into people from other courses, especially at the barbecues and student union events. But we weren’t isolated from other campuses, we’d sometimes borrow Swinburne’s mini-bus to get to the Hawthorn campus for band nights.”

By the final year of the diploma Andrew found market research was what really interested him. Part of the diploma involves work placements and Andrew chose to work for a few weeks at Roy Morgan Research, one of the top research companies in Australia.

“Work placements don’t just teach valuable work-place skills, but also allow students and employers to try before they buy. It certainly worked for me, because I obtained casual work at Roy Morgan after my work experience, and was offered full-time once I had finished my diploma.”

Andrew is now a trainee data analyst at Roy Morgan Research, a role that interests him and uses his natural talent for maths and logic. Long term, he wants to develop his career within the company and move into client services, dealing with the corporate clients that commission research.
Business, Innovation and Management – TAFE

Public Relations

Course title
Advanced Diploma of Business (Public Relations)

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

Campus
Prahran, Wantirna.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Application procedure
VTAC for the first year (full-time) or direct to Swinburne for part-time and mid-year intake. VTAC code: 78101 (Prahran) 71081 (Wantirna)

Course overview
This course prepares graduates with the sound knowledge and skills for a career in public relations at both state and federal government level and in the private sector. 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.

Career opportunities
Senior public relations officer in a variety of organisations, large and small, including government departments and authorities at federal, state and local level and publications and media field.

Professional recognition
Graduates may sit the accreditation test of the Public Relations Institute of Australia (PRIA).

Further information
Tel: 1300 368 377 (general enquiries)
School of Business and eCommerce
Tel: (03) 9214 6754 (Prahran)
(03) 9210 1224 (Wantirna)

Real Estate

Course title
Certificate IV in Business (Real Estate Agency Practice) Course in Real Estate for Agents’ Representatives

Duration
Certificate IV: one year full-time (Prahran only) or three years part-time (evening).
Course in Real Estate: two weeks full-time, six and a half weeks part-time (evening).

Campus
Croydon, Prahran, Wantirna or Distance Learning

Entry requirements
Certificate IV: successful completion of the Course in Real Estate for Agent’s Representatives.
Course in Real Estate: there are no formal entry requirements. However, preference is given to applicants who are either employed by an estate agent or who can provide evidence of a promise of employment on successful completion of the course and who are at least 18 years of age.

Application procedure
Direct to Swinburne.

Course overview
Course in Real Estate: introduces the real estate industry and its functions. Successful completion of this course is necessary for you to obtain employment in sales or property management.
Certificate IV: provides the opportunity to significantly broaden your knowledge and skills in law, accounting and computing as they relate to real estate. Specialised areas are also covered in detail. With at least one year full-time practical experience employed as an agent representative, graduates will meet the academic requirements for a full licence in real estate.

Career opportunities
Certificate IV: real estate agent, representative.
Course in Real Estate: real estate sales, property management or commercial/industrial management and sales.

Professional recognition
Estate Agents Licensing Authority.

Further information
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
School of Business and eCommerce
Tel: (03) 9214 6754 (Prahran)
(03) 9213 6685 (Croydon, Wantirna)

Retail Operations

Course title
Certificate IV in Retail Management
Certificate III in Retail Operations
Certificate II in Retail Operations

Duration
Certificate IV: one year part-time.
Certificate III: one year part-time.
Certificate II: six months full-time.

Campus
Certificate III/IV: Wantirna or Distance Learning.
Certificate II: Lilydale, Wantirna or Distance Learning.

Entry requirements
Certificate IV: successful completion of the Certificate III or assumed competence based on workplace experience. Applicants must be currently working in the retail industry.
Certificate III: successful completion of the Certificate II or assumed competence based on workplace experience.
Certificate II: None.

Application procedure
Direct to Swinburne.

Course overview
Retailing is a continuously growing industry in Australia with over two million people employed in a wide variety of retail sectors such as food, personal and household goods, furniture and hardware and newsagent.
Certificate II: the standard entry level qualification for workers in the retail industry.
Certificate III: aims to develop knowledge and skills on work teams, employee relations, store safety, security plus an area of specialisation including training, finance or general selling.
Certificate IV: aims to develop knowledge and skills in staff training, leadership, safety in the workplace, employee relations, finance, recruitment and selection of personnel. In addition, elective modules are available in the areas of marketing, store operations, property, buying and administration.

Career opportunities
Certificate II: retail sales.
Certificate III/IV: retail management.

Further information
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
School of Business and eCommerce
Tel: (03) 9213 6685
**Small Business Management**

Course title: Certificate III in Small Business Management

Duration: 200 hours part-time.

Campus: Croydon, Hawthorn, Healesville, Lilydale, Wantirna, Workplace and Distance Learning.

Entry requirements: None.

Application procedure: Direct to Swinburne.

Course overview: This course is designed for people planning to set up a small business, in the early stages of running a small business or working in a small business.

Career opportunities: Small business as an owner-operator or employee.

**Bookkeeping**

Course title: Bookkeeping for the Office

Duration: Six months part-time (two days per week).

Campus: Croydon, Hawthorn, Lilydale, Prahran, Wantirna.

Entry requirements: None.

Application procedure: Direct to Swinburne.

Course overview: This course is designed to train office personnel and small business operators in manual and computerised bookkeeping applications using MYOB (Mind Your Own Business).

Further information: Tel: 1300 368 777 (general enquiries) School of Business and eCommerce Tel: (03) 9210 1224

**Computing**

Course title: Certificate in Computer Business Applications

Duration: Two, three or four hours (day, evening or Saturday morning).

Campus: Croydon, Hawthorn, Healesville, Lilydale, Prahran, Wantirna.

Entry requirements: None.

Application procedure: Direct to Swinburne.

Course overview: This course allows the participant to train in any introductory computing application or Microsoft Office/Desktop application they select – be it introductory; be it one, two or a number of applications.

Further information: Tel: 1300 368 777 (general enquiries) School of Business and eCommerce Tel: (03) 9210 1224

**ECommerce**

Course title: eCommerce for Small Business

Duration: 100 hours part-time.

Campus: Croydon, Hawthorn, Healesville, Lilydale, and Online.

Entry requirements: None.

Application procedure: Direct to Swinburne.

Course overview: This course is designed for people in small business using or considering eCommerce.

Further information: Tel: 1300 368 777 (general enquiries) School of Business and eCommerce Tel: (03) 9213 6710

**Legal Secretary**

Course title: Legal Secretary Certificate

Duration: Six months part-time.

Campus: Hawthorn, Prahran, Wantirna.

Entry requirements: There are no formal entry requirements. However, applicants should possess keyboarding, basic computer and word processing skills (preferably Word).

Application procedure: Direct to Swinburne.

Course overview: This is a specialist training program designed to develop industry relevant practices and procedures to effectively undertake administrative work in a legal environment.

Further information: Tel: 1300 368 777 (general enquiries) School of Business and eCommerce Tel: (03) 9210 1224

**Other Courses**
**Medical Secretary**

**Course title**
Medical Secretary Certificate (Stage 1)
Medical Secretary Certificate (Stage 2)

**Duration**
Six months part-time.

**Campus**
Stage 1: Croydon, Hawthorn, Healesville, Prahran, Wantirna.
Stage 2: Croydon, Hawthorn, Prahran, Wantirna.

**Entry requirements**
There are no formal entry requirements. However, applicants should possess basic keyboarding skills.

**Application procedure**
Direct to Swinburne.

**Course overview**
This program aims to prepare you with industry relevant knowledge, practices and procedures to enable you to effectively undertake the medical related functions and tasks within an office environment.

**Further information**
Tel: 1300 368 777 (general enquiries)
School of Business and eCommerce
Tel: (03) 9210 1224
Course Title
Bachelor of Applied Science (Computer Science and Software Engineering)

Students have the option of undertaking the double degree after Year 1 or 2.

Duration
Three years full-time.

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any) and a study score of at least 20 in either Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34431
2001 ENTER: 85.35

Course overview
This course concentrates on the analysis, design and implementation of large-scale computer systems, using object-oriented approaches. The course includes programming in the Java and C++ programming languages and offers the opportunity to specialise in multimedia software development.

Major studies
Computer programming in Java and C++, software engineering, multimedia systems development, web systems development, team software development projects. Students may select up to three two-subject streams of specialist topics in final year.

Minor studies
Mathematics, communication skills and general elective subjects including physics, electronics and business subjects.

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

Professional recognition
Accredited at professional level towards membership of the Australian Computer Society.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Information Technology
Tel: (03) 9214 5505
Email: itinfo@swin.edu.au
Website: www.it.swin.edu.au

Com宰ting (Hawthorn)
INFORMATION SYSTEMS

Course title
Bachelor of Information Systems

Duration
Three years full-time.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or equivalent.

Application procedure
VTAC code: 34641
2001 ENTER: 82.50

Course overview
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.

Major studies
Computer fundamentals, programming, systems analysis and design, database management, use of the Internet, end-user computing, software engineering, development methodologies, information systems management and planning.

Career opportunities
Systems analysis, project management, product support, software development, user liaison.

Professional recognition
Accredited at the professional level with the Australian Computer Society (ACS).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Information Technology
Tel: (03) 9214 5505
Email: itinfo@swin.edu.au
Website: www.it.swin.edu.au

INFORMATION TECHNOLOGY (HAWTHORN)

Course title
Bachelor of Information Technology

Duration
Three years full-time.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 34311
2001 ENTER: 96.25

Course overview

Career opportunities
Software developer, systems analyst, project manager, production manager, programmer, client service network consultant and network coordinator.

Professional recognition
Accredited at professional level towards Associate membership of the Australian Computer Society.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Information Technology
Tel: (03) 9214 5505
Email: itinfo@swin.edu.au
Website: www.it.swin.edu.au

INFORMATION TECHNOLOGY (LILYDALE)

Course title
Bachelor of Applied Science (Information Technology)

Duration
Three years full-time.

Campus
Lilydale.

Entry requirements
Successful completion of an appropriate Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 35011 (full-time)
35191 (part-time)
2001 ENTER: 63.80

Course overview
This degree provides the foundation for graduates to aspire to becoming leaders in Australia’s information systems and information technology industry and/or businesses and organisations using information systems and technology. The course incorporates ‘state-of the art’ skills in information technology, systems development and management, as well as a balance of existing approaches necessary to apply computing in the modern organisation environment.

Major studies

Career opportunities
Software development, systems analysis and design, database development, systems administration and computer network administration.

Professional recognition
Associate membership of the Australian Computer Society.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: linfo@swin.edu.au
Website: www.lt.swin.edu.au
SOFTWARE ENGINEERING

Course title
Bachelor of Software Engineering

Duration
Four years full-time.
Plus either one year Industry-Based Learning (IBL) or twelve weeks of relevant industry experience.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.
2002 VCE prerequisites: Units 1 and 2 – Physics, Units 3 and 4 – English (any) and a study score of at least 25 in either Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34961
2001 ENTER: 86.85

Course overview
This program is aimed at high achieving students interested in the development of large, complex computer systems. It provides an extensive education in contemporary approaches to the analysis, design and implementation of such systems using state-of-the-art methods and technology.

Major studies
Software development techniques: programming in Java and C++, object-oriented analysis and design. Software engineering: software process modelling, formal methods, human-computer interaction, requirements analysis, systems design, software architecture, real-time systems, software validation, verification, and team software development projects.

Computer science: knowledge-based systems, database, data communications, operating systems, concurrent programming, and programming languages.

Career opportunities
Graduates will typically find employment in organisations engaged in medium to large-scale software development. The course is oriented towards applications in areas such as aerospace, medicine and defence, where software plays a major role, often of a safety-critical nature.

Professional recognition
Accredited with The Institution of Engineers, Australia (IEAust) and membership at professional level with the Australian Computer Society (ACS).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Information Technology
Tel: (03) 9214 5505
Email: dmtb@swin.edu.au
Website: www

STUDENT PROFILE

RENEE BONNETT

IBL WAS A GREAT EXPERIENCE

Bachelor of Software Engineering

Renee Bonnett was confident enough of her VCE results to know she could apply for several degree courses. But she wasn’t sure which degree was best for her. She really fancied engineering after big brother had told her about the engineering course he was doing at Swinburne. But she also had an affinity for computers. By Year 10 she had become the class computer guru, constantly sorting out her peer’s PC problems.

Luckily for Renee, Swinburne had the solution, a new and relatively unique course that focuses on IT, but also covers the basics of engineering disciplines like telecommunications, manufacturing and electronics.

Renee is now in the final year of the course and heading for a career in the IT industry. When asked what she likes about IT she said, “I like the complexity of code building and once you have designed a computer system it’s great to see the finished product in operation.”

Industry-Based Learning (IBL) is a key component of the course. Renee spent her IBL year working for a company that develops and administers interactive web sites. She worked on a couple of web pages including one for a cosmetics company.

Talking about her year working in the industry she said, “IBL was a great experience. It made me more confident and gave me experience of some of the problems businesses have to cope with.”

Now Renee has some web skills of her own she does freelance web design on the side. A friend does the graphics and she does the background programming. She said “Web design and construction is a growth industry. You can tell the difference between designers that are self taught and the more professional ones that have been taught the theory behind it.”

When not punching away at the keyboard Renee is secretary of Swinburne’s rowing club. She admits she is never going to be an Olympic rower but it keeps her fit and the social life of the club is a real bonus.

Once she qualifies she would like to work overseas, “I like the sound of London. With an IT degree and my IBL experience I should find work really easily, it will beat working in a pub like many Aussies do in London!”
**Course title**
Bachelor of Information Systems/Bachelor of Business

Students have the option of early exit with the first degree.

**Duration**
Four years full-time. An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

**Campus**
Hawthorn.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

**Application procedure**
VTAC full-time code: 34561
2001 ENTER: 86.65

**Course overview**
This double degree combines specialist studies in Information Systems with a full Business Degree leading to a choice of a generalist or specialist career in the use of information technology (IT) to solve business problems.

**Major studies**

**Career opportunities**
Information Systems specialisations in areas such as systems analysis, project management, product support, software development, user liaison.

Combined with business specialisations, in areas such as accounting, business law, economics, finance, manufacturing management, marketing, and organisational behaviour/human resource management.

**Professional recognition**
Accredited at professional level towards membership of the Australian Computer Society (ACS) and, with appropriate choice of business subjects, membership of the Australian Society of Certified Practising Accountants (ASCPA).

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

**Further information**
School of Information Technology
Tel: (03) 9214 5505
Email: itinfo@swin.edu.au
Website: www.it.swin.edu.au

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**See Also**

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

Bachelor of Business with a major in Information Systems Refer Business, Innovation and Management

Bachelor of Engineering (Robotics and Mechatronics) Refer Engineering and Technology

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

Bachelor of Engineering (Telecommunications and Internet Technologies) Refer Engineering and Technology

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

Bachelor of Multimedia (Multimedia Software Development) Refer Multimedia

Bachelor of Multimedia (Networks and Computing) Refer Multimedia

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

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

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### Computer Science

**Course title**
Advanced Diploma of Computer Science (Multimedia/Instrumentation/Software Development)

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

**Campus**
Hawthorn.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent, with preference given to students with passes in Units 3 & 4 Mathematics and Physics.

Mature-age, non-VCE applicants will be considered on individual applications and an interview if necessary.

**Application procedure**
VTAC (full-time) or direct to Swinburne for part-time.
VTAC code: 77301

**Course overview**
The Advance Diploma contains components enabling students to gain advanced levels of operation in one of three streams: Multimedia, Instrumentation, and Software Development (or a combination if desired).

The multimedia stream offers additional fundamental principles of 3D animation, modelling, sound and image editing and CD authoring techniques.

The instrumentation stream has an emphasis on applied science and information retrieval and analysis in a physical laboratory environment.

The software development stream offers extensive business application development, networking and object oriented programming.

Diploma and Certificate IV levels may also be available subject to demand.

**Career opportunities**
A wide range of positions in technology based industries including data acquisition and control, network and systems management, programming and multimedia.

**Further information**
Tel: 1300 368 777 (general enquiries)
Industrial Sciences Department
Tel: (03) 9214 5161
Website: www.tafe.swin.edu.au/ahs/ind.htm

### Electronic Publishing

**Course title**
Certificate IV in Electronic Publishing

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

**Campus**
Wantirna.

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

**Application procedure**
VTAC (full-time) or direct to Swinburne for part-time.
VTAC code: 71601.

Applicants are encouraged to attend an information session on 21 November 2001 at the Wantirna campus.

**Course overview**
This course is designed to develop job-specific skills, knowledge and attitudes necessary to perform specific electronic publishing work appropriate to ASF 4 level in the Australian Standards Framework. Major studies include: typography and layout, image input – scanning, graphic manipulation, illustration applications, systems management, electronic image assembly.

**Career opportunities**
Employment in the printing and publishing pre-press industries, as well as introducing the skills required to plan and run a small business.

**Further information**
Tel: 1300 368 777 (general enquiries)
Computing and Information Technology Department
Tel: (03) 9210 1228
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

### Information Technology

**Course title**
Diploma of Information Technology (Network Engineering)

**Application procedure**
VTAC (full-time), direct to Swinburne for part-time.
VTAC codes: 70041 (Croydon), 77071 (Hawthorn), 70051 (Lilydale), 71051 (Wantirna).

Diploma (Software Development): Croydon, Prahran, Wantirna.

Certificate IV (Client Support) and (Network Management): Croydon, Hawthorn, Lilydale, Wantirna.

Certificate IV (Programming) and (Systems Analysis and Design): Croydon, Prahran, Wantirna.

Certificate III: Croydon, Prahran.

Certificate II: Healesville, Prahran, Wantirna and community venues.

**Entry requirements**
Diploma/Certificate IV and III: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Certificate II: Year 10 or mature age.

**Course overview**
Diploma (Software Development): provides learners with software development skills – program design, code development, systems analysis and design, project management and client interaction.

Diploma (Network Engineering): provides training in a range of relevant skills for the selection, installation, use, programming and networking of microcomputers, and for client support generally.
Information Technology (TAFE) continued

Certificate IV (Programming) and (Systems Analysis and Design): provides skills in computer programming and systems analysis and design. It covers operating systems in some detail, and programming in different languages. In addition, it provides a sound introduction to project management, designing IT solutions for business requirements and client interaction.

Certificate IV (Network Management) and (Client Support): provides learners with high level technical skills to support users of computer systems, and to manage computer networks.

Certificate III: a practical program in computing applications business operations and concepts. It covers a diverse range of computer applications.

Certificate II: provides training in a broad general introduction to computing and information technology particularly for small businesses and home users.

Career opportunities

Diploma (Software Development): employment in software development as computer programmers/systems analyst.

Diploma (Network Engineering): network administration/management, technical client support.

Successful completion of these Diplomas may also allow pathways to one of Swinburne’s degree programs.

Certificate III: (Programming) and (Systems Analysis and Design): trainee programmer.

Certificate IV (Network Management) and (Client Support): client support and network administration.

Certificate III: entry level employment in a broad range of information technology occupations, including: client support, IT sales and marketing and help desk vocations.

Certificate II: entry level employment in the information technology/sales and marketing technology industries or further education.

Professional recognition

Graduates of the Diploma of Information Technology (Software Development) are eligible for associate membership of the Australia Computer Society (ACS).

Further information

Tel: 1300 368 777 (general enquiries)
Computing and Information Technology Department
Tel: (03) 9213 6694 (Croydon)
(03) 9214 8875 (Hawthorn)
(03) 9214 6765 (Prahran)
(03) 9210 1228 (Wantirna)
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

Computing with Confidence

Course title
Computer Workshop Certificate – Computing with Confidence

Duration
Eighteen weeks part-time (each workshop).

Campus
Croydon, Hawthorn, Healesville, Lilydale, Prahran, Wantirna or community venues.

Entry requirements
None.

Application procedure
Direct to Swinburne.

Course overview
A computing course for beginners, this course aims to increase confidence and ability in dealing with basic computing. Topics include: computer fundamentals, wordprocessing, spreadsheets and using the Internet. This course comprises two workshops, both of which need to be completed to receive the Certificate.

Further information

Tel: 1300 368 777 (general enquiries)
Computing and Information Technology Department
Tel: (03) 9210 1228
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

Desktop Publishing

Course title
Certificate in Desktop Publishing

Duration
Six months full-time or equivalent part-time.

Campus
Healesville, Lilydale, Wantirna.

Entry requirements
Year 11 or its equivalent, or mature age.

Application procedure
Direct to Swinburne.

Course overview
This introductory course has been designed for those who require a thorough knowledge of Microsoft Office.

Students select five of the following six modules: Word, Excel, Access, MS Publisher, PowerPoint, and Windows. For each module the student receives a comprehensive manual and tutorial support using email. Progress is monitored by computer managed learning software known as ‘The Learning Manager’, which also issues and receives assignments and review tests.

Further information

Tel: 1300 368 777 (general enquiries)
Computing and Information Technology Department
Tel: (03) 9213 6694
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

Learning Technologies

Course title
Certificate in Learning Technologies

Duration
Self-paced and online, nominally 100 hours.

Campus
Croydon or via the Internet.

Entry requirements
Applicants should have access to a 486 microcomputer or better, capable of running the MS Office suite, with access to the Internet and the World Wide Web.

Application procedure
Direct to Swinburne or online at http://online.tafe.swin.edu.au/cit/ct/ct/

Course overview
This introductory course has been designed for those who require a thorough knowledge of Microsoft Office.

Students select five of the following six modules: Word, Excel, Access, MS Publisher, PowerPoint, and Windows. For each module the student receives a comprehensive manual and tutorial support using email. Progress is monitored by computer managed learning software known as ‘The Learning Manager’, which also issues and receives assignments and review tests.

Further information

Tel: 1300 368 777 (general enquiries)
Computing and Information Technology Department
Tel: (03) 9213 6694
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng
Course title
Bachelor of Design (Graphic Design)

Duration
Three years full-time.
An honours year is also available.

Campus
Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: 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 procedure
VTAC code: 36101
2001 ENTER: Individual offer

All applicants must participate in a pre-selection program and, if selected, attend an interview/folio presentation in December. For further details, refer to the VTAC Guide 2002.

Course overview
The aim of this degree course is to educate designers to work effectively in areas where information is conveyed by visual means, such as publishing, publicity, merchandising, multimedia, advertising, printing, education and research. The first two years of the course are common to each of the degree/honours streams, but in the final degree year, elective areas of investigation include: publication design, visual identity, packaging, multimedia, typography, image making and digital production.

Major studies
Three dimensional design, communication design, typographic design, multimedia design, publication design, image making, design research, design writing, design management and visual language.

Career opportunities
Design consultancy, advertising, publishing, merchandising, government instrumentalities.

Professional recognition
Membership of Design Institute of Australia

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
National School of Design
Tel: (03) 9214 6755
Email: NSDInquiry@swin.edu.au
Website: www.swin.edu.au/design

When Enlai Hooi heard that first prize for the Sydney Morning Herald’s Young Designer of the Year Award was a couple of plane tickets to Milan, he knew he had to win. After all, his girlfriend who had recently moved to Milan and the second ticket would be a perfect thank you to his mother who had been so supportive of his studies.

Enlai’s entry for the award was a room divider made of Tyvek, a material more commonly used as a moisture barrier in buildings. The design impressed the judges and Enlai was soon on a plane to Sydney, to collect the award.

Enlai plans to visit the design houses of Milan and hopes some of his designs will be accepted for the Milan Furniture Show.

Ever since he was a toddler Enlai has been obsessed by design. As he said, when talking about his degree, “The course was perfect for me, I’d always wanted to be a designer. When I was four I was fascinated by the design of caravans and I loved Lego.”

Swinburne’s Industrial Design course suited Enlai’s approach to design, “the course takes a philosophical stance on design, instead of a formalist. I believe design comes out of a thought process unconstrained by existing conventions.” He continued, “the brilliant part was the fourth year. You could structure the year how you liked. I had the freedom to do what I wanted, with support and help when I needed it.”

As part of the course Enlai spent a year working for a company that produced point-of-sale displays. He came up with the concept for a Remington razor display that is used in stores throughout Australia. Describing the experience he said, “it was a small company and I was were given a fair bit of responsibility. They treated me just like the other designers.”

While at Swinburne Enlai helped set up ‘Shift’, the Swinburne design club. He describes it as, “one of the biggest clubs at Swinburne and very active. The ‘Design Digest’ dinners, where leaders in the industry give presentations, are very popular.”

Now Enlai has graduated he is working as a freelance writer for Monument magazine and negotiating with furniture manufacturers that may want to use his designs.

When asked where his future lies he said, “I want creative freedom and to still survive commercially. I’d love to stay in Australia, although there are some real opportunities in Amsterdam, where they have an exciting creative design culture.”
INDUSTRIAL DESIGN

Course title
Bachelor of Design (Industrial Design)

Duration
Three years full-time. An honours year is also available.

Campus
Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 25 in English (any). 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. Materials and Technology, and Technological Design and Development would also be an advantage.

Application procedure
VTAC code: 36201
2001 ENTER: Individual offer

All applicants must participate in a pre-selection program and, if selected, attend an interview/folio presentation in December. For further details, refer to the VTAC Guide 2002.

Course overview
Industrial Design is a broadly-based discipline in which designers participate in the development of products and systems associated with all areas of human activity and the environment. In consultation with the profession, the course provides a learning environment in which students will experience a proportional relationship between design theory and design practice with a strong emphasis on the design process and creative problem.

Major studies
The design process, concept and form generation, computer aided design and technology, design history and critical theory, management and visual communication.

Career opportunities
Product design for, and within, manufacturing industries or design consultancies, exhibition, environmental and furniture design, stage and set design, self-employed designers, or manufacturers.

Professional recognition
Membership of Design Institute of Australia.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
National School of Design
Tel: (03) 9214 6755
Email: NSDquery@swin.edu.au
Website: www.swin.edu.au/design

INTERIOR AND EXHIBITION DESIGN

Course title
Bachelor of Design (Interior and Exhibition Design)

Duration
Four years full-time. An honours year is also available.

Campus
Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 25 in English (any). 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 procedure
VTAC code: 36031
2001 ENTER: Individual offer

All applicants must participate in a pre-selection program and, if selected, attend an interview/folio presentation in December. For further details, refer to the VTAC Guide 2002.

Course overview
The course aims at a broad design education with a firm grounding in the technology and science of the built environment. The Interior and Exhibition design program deals, via a series of design projects, with the ideas of the possible. The areas of exhibition: museum design, theatre, commercial, retail and furniture are incorporated within the discipline. A semester of Industry-Based Learning (IBL) within the profession is included in year three. Honours may be awarded.

Major studies
Studio based design, design history and critical theory, technology and materials, building science, CAD drafting, communications, professional and business practice.

Career opportunities
Interior and exhibition design, hotel/retail design, theatre design, museum design, computer aided design, design management.

Professional recognition
Membership of Design Institute of Australia, the Society of Interior Designers of Australia, and registration as a Building Practitioner.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
National School of Design
Tel: (03) 9214 6755
Email: NSDquery@swin.edu.au
Website: www.swin.edu.au/design

MULTIMEDIA DESIGN

Course title
Bachelor of Design (Multimedia Design)

Duration
Three years full-time for Bachelor of Design. An honours year is also available.

Campus
Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 25 in English (any).

Note: Applicants are advised to undertake an art-related study in Units 3 and 4 to assist in the development of folio. It would also be an advantage to undertake two units from Maths, Physics, Computer Science, or Technological Design and Development.

Application procedure
VTAC code: 36001
2001 ENTER: Individual offer

All applicants must participate in a pre-selection program and, if selected, attend an interview/folio presentation in December. For further details, refer to the VTAC Guide 2002.

Course overview
This course aims to produce graduates with a broad understanding of communication design, media studies and programming as applied to the world wide web and computer interactive mediums. Graduates will have highly developed and relevant skills in communication design for electronic mediums, typography, animation, 3D modelling, audio and video specialisation requirements as applied to electronic mediums.

Major studies
Multimedia design, three dimensional design, communication design, typographic design, image making, and media studies.

Career opportunities
Design consultancies, information technology companies, media and entertainment studios, advertising agencies and government instrumentalities.

Professional recognition
Membership of the Australian Graphic Design Association (AGDA), the Multimedia Industry Network (mmIN) and associate membership of the Design Institute of Australia (DIA).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
National School of Design
Tel: (03) 9214 6755
Email: NSDquery@swin.edu.au
Website: www.swin.edu.au/design
**APPLIED DESIGN**

**Course title**
Certificate IV in Arts (Applied Design) – Graphic Design
Certificate IV in Arts (Applied Design) – Product Design

**Duration**
One year full-time.

**Campus**
Graphic Design: Lilydale, Prahran, Wantirna.
Product Design: Wantirna.

**Entry requirements**
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. It is also expected that applicants will have competencies in art and design, numeracy and literacy that will enable them to achieve the course objectives.

**Application procedure**
VTAC and direct to Swinburne (both are required).
VTAC code: 71031 (Lilydale)
78011 (Prahran)
71011 (Wantirna)

**Course overview**
This course aims to prepare students for careers in graphic or industrial design by providing a foundation program in design theory and practice. Major studies include: design principles and elements, drawing, colour, 3D studies.

**Career opportunities**
Graphic artist in advertising agencies, graphic design and finished art studios, publishing companies, large corporations, printing companies, film and television production houses, and government departments. Successful completion of the course may allow Pathways to one of Swinburne’s diploma or degree programs.

Further information
Tel: 1300 368 777 (general enquiries)
Arts Department
Tel: (03) 9214 6739 (Prahran)
(03) 9210 1116 (Wantirna)

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**GRAPHIC ART**

**Course title**
Diploma of Arts (Graphic Art)

**Duration**
Two years full-time.

**Campus**
Lilydale, Prahran.

**Entry requirements**
Successful completion of at least the first year or an approved art, design or media course at a post-VCE or equivalent Year 12 level. All applicants are required to present a folio of work at interview. Mature age applicants with some industry experience are also eligible to apply.

**Application procedure**
VTAC and direct to Swinburne (both are required), VTAC code: 78111

**Course overview**
This course prepares students to execute design concepts efficiently and economically and to be capable of using traditional media and computer technology to assemble ‘camera-ready’ and digital artwork with the necessary understanding of graphic reproduction techniques. Major studies include: the design process, electronic design, reprographics and prepress, finished art, technical illustration, typography, photography, drawing for illustration.

**Career opportunities**
Artist, craftsworker, community artist.

Further information
Tel: 1300 368 777 (general enquiries)
Department of Arts
Tel: (03) 9210 1116

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**KOORI ART AND DESIGN**

**Course title**
Certificate III/IV in Aboriginal and Torres Strait Islander Art and Design

**Duration**
Two years part-time.

**Campus**
Healesville, Wantirna.

**Entry requirements**
This program is for Aboriginal and Torres Strait Islanders who are motivated to undertake an art and design course. Applicants are selected by interview. Art and design experience is not required to enter the program. Aboriginal and Torres Strait Islander communities may also nominate participants for the course.

**Application procedure**
Direct to Swinburne.

**Course overview**
This course aims to meet the needs of Aboriginal and Torres Strait Islanders in the development of their artistic skills to a professional level which reflects an awareness of identity and pride in their culture and enables them to participate in community activities and/or seek further study or employment.

**Career opportunities**
Artist, craftsworker, community artist.

Further information
Tel: 1300 368 777 (general enquiries)
Department of Arts
Tel: (03) 9210 1116

**SEE ALSO**

Advanced Diploma of Arts (Electronic Design and Interactive Multimedia) Refer Multimedia
Certificate IV in Electronic Publishing Refer Computing and Information Technology

**SHORT COURSES**
The Department of Arts also offers a number of short courses suitable for folio preparation or as an introduction to further study, including:

- Foundation in Art and Design
  A complete folio preparation course available at Prahran and Wantirna.
- Certificate in Performance
  Six months professional preparatory course available at Prahran.
- Evening courses in acting, film and TV, ceramics, computer graphics, design, drawing, painting and photography.

Further information
Tel: (03) 9213 6600
Course title
Bachelor of Technology (Aviation)

Students have the option of undertaking the double degree after Year 1 or 2.

Duration
Three years full-time.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Unit 3 and 4 – English (any), Mathematical Methods and one of Biology, Chemistry, Physics, Specialist Mathematics, Information Technology: Information Systems, Psychology.

Application procedure
VTAC and direct to Swinburne.

In addition to applying through VTAC, applicants must submit a Bachelor of Technology Aviation application form (available from the School office) by 29 September.

Admission to the course is based on both the ENTER and the outcome of an interview held in mid December. Civil Aviation Safety Authority medical requirements and flying fees apply.

Course overview
This course aims to prepare students for careers in the aviation industry as professional pilots. High quality Commercial Pilot Licence training is augmented with educational topics designed to provide an optimum balance between the range of areas required by today's professional pilots. Aviation human factors training, aviation management and additional aircraft specific engineering topics are included to attain this objective.

Major studies
Aviation human factors, aviation management and air transportation facilities management, aviation law, airspace management, aerodynamics and performance, aircraft structures, avionics, aircraft propulsion, aircraft design, flying training and its associated theory (approx. two days per week).

Career opportunities
Professional pilot in areas including airlines, flying instruction, charter work, police, air traffic control.

Professional recognition
Designed to take students beyond the requirements for the Civil Aviation Safety Authority (CASA), Air Transport Pilot Licence (ATPL) theory examination and Commercial Pilot Licence (CPL/UA) practical test.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm.

Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bsee

Career opportunities
Aerospace, aviation regulatory and safety services, aviation charter firms, airline ground operations, airport management, Airline management, airline flight operations, Career opportunities

Major studies
Airport planning and management, airline operations, aviation business management, airspace management, aviation law, aviation human factors, aircraft design and operations, aircraft performance.

Career opportunities
Airline management, airline flight operations, airline ground operations, airport management, airport operations, airline planning, aviation consultancy firms, aviation charter firms, air services, aviation regulatory and safety services, aviation safety authorities.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ses/

AVIATION

Course title
Bachelor of Technology (Aviation)

Students have the option of undertaking the double degree after Year 1 or 2.

Duration
Three years full-time.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Unit 3 and 4 – English (any), Mathematical Methods and one of Biology, Chemistry, Physics, Specialist Mathematics, Information Technology: Information Systems, Psychology.

Application procedure
VTAC and direct to Swinburne.

In addition to applying through VTAC, applicants must submit a Bachelor of Technology Aviation application form (available from the School office) by 29 September.

Admission to the course is based on both the ENTER and the outcome of an interview held in mid December. Civil Aviation Safety Authority medical requirements and flying fees apply.

Course overview
This course aims to prepare students for careers in the aviation industry as professional pilots. High quality Commercial Pilot Licence training is augmented with educational topics designed to provide an optimum balance between the range of areas required by today's professional pilots. Aviation human factors training, aviation management and additional aircraft specific engineering topics are included to attain this objective.

Major studies
Aviation human factors, aviation management and air transportation facilities management, aviation law, airspace management, aerodynamics and performance, aircraft structures, avionics, aircraft propulsion, aircraft design, flying training and its associated theory (approx. two days per week).

Career opportunities
Professional pilot in areas including airlines, flying instruction, charter work, police, air traffic control.

Professional recognition
Designed to take students beyond the requirements for the Civil Aviation Safety Authority (CASA), Air Transport Pilot Licence (ATPL) theory examination and Commercial Pilot Licence (CPL/UA) practical test.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm.

Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.swin.edu.au/aviation
### Biotechnology

| Course title | Bachelor of Engineering (Biotechnology)  
Students have the option of undertaking the double degree after Year 1 or 2. |
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<tbody>
<tr>
<td>Duration</td>
<td>Four years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.</td>
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<tr>
<td>Campus</td>
<td>Hawthorn.</td>
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</tbody>
</table>
| Entry requirements | Successful completion of an appropriate Victorian Year 12 or its equivalent.  
2002 VCE prerequisites: Units 3 and 4 – English (any), a study score of at least 25 in either Biology or Chemistry, and one of Mathematical Methods or Specialist Mathematics. |
| Application procedure | VTAC code: 34471  
2001 ENTER: Individual offer |
| Course overview | This course produces engineers to work in the rapidly expanding biotechnology industries, converting scientific knowledge and research into commercial products, processes and services. It will develop an understanding of the fundamentals of engineering and science; a mastery of the technical skills required for chemical engineering and bioprocess engineering; an appreciation for the history of engineering, its place in modern society, and its likely future development; and various aspects of computer aided engineering; and an appreciation of the responsibilities of engineers in cleaner production and environmental sustainability. |
| Major studies | Biology, genetics, chemistry, general biochemical processes, protein and enzyme structure and function, microbiology, biotechnology, molecular biology, chemical engineering design, process plant design, bioprocess engineering, environmental and safety management, engineering management, business and computer skills. |
| Career opportunities | Chemical engineers in the rapidly expanding biotechnology industries. |
| Professional recognition | It is expected that this new course will meet the accreditation requirements of The Institution of Engineers, Australia. |
| Information sessions | Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended. |
| Further information | School of Engineering and Science  
Tel: (03) 9214 8372  
Email: engsci@swin.edu.au  
Website: www.swin.edu.au/engsci/ |
| Website: | www.hed.swin.edu.au/ses/ |
| Email: | engsci@swin.edu.au |
| Tel: | (03) 9214 8372 |
| School of Engineering and Science |

### Building Surveying

| Course title | Bachelor of Technology (Building Surveying)  
Students have the option of undertaking the double degree after Year 1 or 2. |
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<tbody>
<tr>
<td>Duration</td>
<td>Two years years full-time including and one year compulsory Industry-Based Learning.</td>
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<tr>
<td>Campus</td>
<td>Hawthorn.</td>
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</tbody>
</table>
| Entry requirements | A TAFE diploma or equivalent qualification in Building Surveying.  
VTAC code: 34451  
2001 ENTER: Individual offer |
| Course overview | This course provides a thorough grounding in all facets of building management and surveying required by builders, municipal and consulting surveyors and project managers. Building surveyors are responsible for ensuring that proper standards and practices are observed in the construction of new buildings, that buildings meet the requirements of building regulations and laws, and that adequate plans and specifications are submitted by professional engineers, architects and builders for all proposed new buildings and alterations to buildings, so that they will be safe and appropriate for their intended use. |
| Major studies | Building construction, building science, structural analysis and design, building law and regulations, communications, management skills, fire technology, planning and administration integrated with work experience. |
| Career opportunities | Graduates work as building surveyors with municipalities, architectural, building and engineering firms, as consultants in private practice, as property managers with banks, investment and insurance companies and in the building construction industry, in planning, supervision and project management. |
| Professional recognition | Membership of the Australian Institute of Building Surveyors and associate membership of the Australian Institute of Building. The course also satisfies the Victorian Building Practitioners Board’s education requirements for commercial builders and building surveyors. |
| Information sessions | Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended. |
| Further information | School of Engineering and Science  
Tel: (03) 9214 8372  
Email: engsci@swin.edu.au  
Website: www.hed.swin.edu.au/engsci/ |
| Website: | www.hed.swin.edu.au/ses/ |
| Email: | engsci@swin.edu.au |
| Tel: | (03) 9214 8372 |
| School of Engineering and Science |

### Civil Engineering

| Course title | Bachelor of Engineering (Civil)  
Students have the option of undertaking the double degree after Year 1 or 2. |
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<tbody>
<tr>
<td>Duration</td>
<td>Four years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.</td>
</tr>
<tr>
<td>Campus</td>
<td>Hawthorn.</td>
</tr>
</tbody>
</table>
| Entry requirements | Successful completion of an appropriate Victorian Year 12 or its equivalent.  
2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods and one of Physics, Chemistry, Biology, Psychology, Information Technology (Information Systems) or Specialist Mathematics. |
| Application procedure | VTAC code: 34691  
2001 ENTER: 80.35 |
| Course overview | 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 bridges, dams, water supply systems, waste treatment systems, road and rail networks, air and sea ports. |
| Major studies | Life-cycle management of infrastructure, urban design, structural design of buildings and infrastructure assets, civil and environmental design, project management, construction engineering, sustainable development. |
| Career opportunities | Civil engineers work as planners, designers, construction managers, administrators, investigators and research engineers and consultants. They work for public authorities, municipalities, consulting firms and industry, or are self-employed. |
| Professional recognition | Graduate membership of The Institution of Engineers, Australia. Students who undertake the construction electives satisfy the educational requirements of the Australian Institute of Building. |
| Information sessions | Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended. |
| Further information | School of Engineering and Science  
Tel: (03) 9214 8372  
Email: engsci@swin.edu.au  
Website: www.hed.swin.edu.au/engsci/ |
| Website: | www.hed.swin.edu.au/ses/ |
| Email: | engsci@swin.edu.au |
| Tel: | (03) 9214 8372 |
| School of Engineering and Science |
MECHANICAL ENGINEERING

Course title
Bachelor of Engineering (Mechanical)
Students have the option of undertaking the double degree after Year 1 or 2.

Duration
Four years full-time or part-time equivalent. An additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods and one of Physics, Chemistry, Biology, Psychology, Information Technology (Information Systems) or Specialist Mathematics.

Application procedure
VTAC code: 34511
2001 ENTER: 80.95

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

Major studies
Mechanical design and project work, computer-aided engineering, aerodynamics, engines and heat transfer, electronics and control systems, dynamics of machinery, stresses in materials, human factors, management

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

Professional recognition
Graduate membership of The Institution of Engineers, Australia.

Information sessions
Sunday 27 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ses/

PHOTONICS

Course title
Bachelor of Science (Photonics)

Duration
Three years full-time or part-time equivalent. An optional and additional year of Industry-Based Learning (IBL) and an honours year may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods. Bonus points given for Physics, Specialist Mathematics or Information Systems.

Application procedure
VTAC code: tba
2001 ENTER: New course for 2002

Course overview
Photonics involves the control, transfer and storage of information using light, and it will play a major role in current and future generations of telecommunications and information systems.

The course provides an in-depth understanding of photonics (light, lasers, optics, optoelectronics etc.) and its application in the telecommunications industry.

Major studies
Photonics, optoelectronics, lasers, modern optics, telecommunications techniques and networks, internetworking, fibre optic communications, object-oriented software (Java), digital signal processing, mathematics, electronics, physics, GICSE CCNA.

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

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/
PRODUCT DESIGN

Course title
Bachelor of Engineering (Product Design Engineering)

Duration
Four years full-time.
An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn and Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods and one of Physics, Chemistry, Biology, Specialist Mathematics, Information Technology (Information Systems) or Psychology.

Application procedure
VTAC code: 34121
2001 ENTER: Individual offer
All applicants must participate in a pre-selection program and, if selected, attend an interview/folio presentation in December. For further details, refer to the VTAC Guide 2002.

Course overview
Product Design engineering 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 a new graduate who will develop competitive products in both quality and design for Australian industry.

Major studies
Design studio, mechanical design, design for manufacture, project management, human aspects in design.

Career opportunities
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.

Professional recognition
Membership of The Institution of Engineers, Australia and the Design Institute of Australia.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ses/

National School of Design
Tel: (03) 9214 6758
Email: NSDinquiry@swin.edu.au
Website: www.swin.edu.au/design

WE ALL FELT A REAL SENSE OF TEAM ACCOMPLISHMENT

BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING)

Designing, building, testing and racing Formula One cars is something normally done by a team of highly trained, experienced specialists, but that didn’t deter mechanical engineering students Nathan Pearson, Andrew Thornton, Michael Petrovski and Stewart Rough. All four were a part of a student team that created a Formula SAE car from the ground up, and then won the best design category out of nine entries.

The four graduates said that working on the car was not only a lot of fun, but also a chance to put into place the theory they learned, as well as developing other important work skills.

“We working as a team on this project we had the opportunity to build on our practical skills, develop good mediation techniques when trying to resolve issues and learn to compromise within a group”, said Andrew. “When we won the competition we all felt a real sense of team accomplishment”.

As country students from the Goulburn Valley region, Andrew, Nathan and Michael all agreed that the chance to undertake paid work for 12 months in their chosen field as part of their degree was as significant factor when choosing Swinburne.

“Knowing that I had the opportunity to participate in the Industry-Based Learning program was important when I was choosing a course”, said Michael, who undertook his IBL placement at Ford. “While I was at Ford I learned so much and they offered me a position with the Ford Australia Graduate Program”.

Nathan, who is now working for Bosch Australia, felt that his IBL year at Holden gave him an advantage after graduating. “The year at Holden provided me with a solid foundation for my career. It certainly taught me how to solve a problem, develop concepts, analyse and further improve our research skills and that is what employers are looking for”.

Stewart took a different path than his team mates by using Swinburne’s Pathways program. After completing an Associate Diploma in Mechanical Engineering at Swinburne TAFE he decided to go on with his studies and complete the degree.

Stewart believed that his courses had given him an excellent grounding in the principles of engineering and being part of the Formula SAE team helped him with his organisational skills. “I learned to commit to carrying out a task and how to use organisational skills to ensure that it was completed on time”.
TELECOMMUNICATIONS AND INTERNET TECHNOLOGIES

Course title
Bachelor of Engineering (Telecommunications and Internet Technologies)

Duration
Four years full-time. An optional additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods, and one of Physics, Chemistry, Biology, Information Technology (Information Systems), Psychology or Specialist Mathematics.

Application procedure
VTAC code: 34201
2001 ENTER: 82.95

Course overview
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.

Major studies
Engineering design, object-oriented software development (Java), global networks, telecommunications, electronics and instrumentation, engineering mathematics, engineering physics, new media, engineering business skills, computer communications and internet technology industries.

Career opportunities
Graduates will find rewarding high-tech careers in the converging telecommunications, multimedia, computing, and internet technology industries.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleng

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.swin.edu.au/aviation

AIR TRANSPORTATION / BUSINESS

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

Students have the option of early exit with the first degree

Duration
Four years full-time. An optional additional six months to one year Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods and one of Biology, Chemistry, Physics, Specialist Mathematics, Information Technology, Information Systems, Psychology.

Application procedure
VTAC code: 34441
2001 ENTER: Individual offer

Course overview
This course combines air transportation management studies with broader business studies, majoring in management.

Major studies
Airline management, airline flight operations, airport ground operations, airport planning, aviation consultation firms, aviation charter firms, air services, aviation regulatory and safety services, aviation safety authorities.

Career opportunities
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.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.swin.edu.au/aviation
AVIATION / BUSINESS

Course title
Bachelor of Technology (Aviation)/Bachelor of Business

Students have the option of early exit with the first degree

Duration
Four years full-time or part-time equivalent.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods and one of Biology, Chemistry, Physics, Psychology, Information Technology (Information Systems), or Specialist Mathematics.

Application procedure
VTAC code: 34511
2001 ENTER: Individual offer

In addition to applying through VTAC, applicants must also submit an application form, available from the School of Engineering and Science, by the 29 September.

Admission to the course is based on both the ENTER and the outcome of an interview held in mid December. Civil Aviation Safety Authority medical requirements and flying fees apply.

Course overview
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.

Major studies
Aviation human factors, aviation management and air transportation facilities management, aviation law, airspace management, aerodynamics and performance, aircraft structures, avionics, aircraft propulsion, aircraft design, flying training and its associated theory (approx. two days per week). In addition, students undertake studies in business disciplines.

Course opportunities
Aviation careers in the air transportation industry as professional pilots.

Professional recognition
Fulfils the requirements for the Civil Aviation Safety Authority (CASA), Air Transport Pilot Licence (ATPL) theory examination and Commercial Pilot Licence (CPL) practical test. Also associate membership of the Institute of Corporate Managers, Secretaries and Administrators, affiliate membership of the Australian Institute of Banking and Finance, accreditation by the Australian Institute of Management (pending).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.swin.edu.au/aviation

BIOTECHNOLOGY / BUSINESS

Course title
Bachelor of Engineering (Biotechnology)/Bachelor of Business

Students have the option of undertaking the single degree at the time of enrolment.

Duration
Five years full-time.

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any), and a study score of at least 25 in either Chemistry or Biology, and one of Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34471
2001 ENTER: Individual offer

Course overview
This double degree develops the full range of skills associated with chemical and biotechnological engineering as well as developing an understanding of the local and global business environment; general business knowledge and skills, especially in the area of management; an advanced understanding of the roles of research and development in business enterprises; an understanding of entrepreneurship in business; an understanding of the processes of innovation, and excellent skills for professional communication.

Major studies
Accounting, marketing, human resource management, economics, information systems, organisations and management, biology, genetics, chemistry, general biochemical processes, protein and enzyme structure and function, microbiology, biotechnology, molecular biology, forensic science, business and computer skills.

Career opportunities
Equips graduates to create and manage commercial enterprises in the rapidly developing arena of biotechnology and chemical/biochemical engineering.

Professional recognition
Membership of The Institution of Engineers, Australia.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ses/

BIOTECHNOLOGY

Course title
Bachelor of Engineering (Biotechnology)/Bachelor of Science

Students have the option of undertaking the single degree at the time of enrolment.

Duration
Five years full-time.

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any), a study score of at least 25 in either Chemistry or Biology, and one of Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34471
2001 ENTER: Individual offer

Course overview
This course will develop an in-depth understanding of the fundamentals of chemical engineering and the sciences that underpin biotechnology together with a mastery of the technical skills required for chemical engineering and bioprocess engineering, an appreciation for the history of engineering, and its place in modern society, and its likely future development, and various aspects of computer aided engineering, and an appreciation of the responsibilities of engineers in cleaner production and environmental sustainability.

Major studies
Biology, genetics, chemistry, general biochemical processes, protein and enzyme structure and function, microbiology, biotechnology, molecular biology, forensic science, environmental science, chemical engineering design, process plant design, bioprocess engineering, environmental and safety management, engineering management, business and computer skills.

Career opportunities
Careers in chemical engineering especially as new developments in biotechnology influence the future of chemical engineering.

Professional recognition
Membership of The Institution of Engineers, Australia and the Royal Australian Chemical Institute.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ses/
ENGINEERING AND TECHNOLOGY – DOUBLE DEGREES

ELECTRONICS AND COMPUTER SYSTEMS/BUSINESS

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

Duration
Five years full-time.
An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Application procedure
VTAC code: 34591
2001 ENTER: Individual offer

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods and one of Biology, Chemistry, Physics, Psychology, Information Technology (Information Systems) or Specialist Mathematics.

Course overview
This double degree involves 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 allowing studies in Accounting, Law, Economics, Finance, Management and Marketing.

Major studies
For details of major studies available, refer to separate entries under Bachelor of Engineering and Bachelor of Business.

Career opportunities
Refer to entries under Bachelor of Engineering and Bachelor of Business.

Professional recognition
Membership of The Institution of Engineers Australia, Australian Computer Society, Australian Society of Certified Practising Accountants in Australia and Institute of Chartered Accountants in Australia.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8659
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/
Research and Development / Electronics and Computer Systems

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

Duration
Five years full-time including industry research and development experience.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Physics and Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: tba (see Vice Chancellor’s Engineering Scholarship in VTAC Guide)
2001 ENTER: Individual offer

Course overview
As well as conventional coursework, students will take part in research projects with some, or all of Swinburne’s research groups in astrophysics and supercomputing, applied optics, neurophysiology, telecommunications, intelligent systems research, biomedical instrumentation and femtosecond laser spectroscopy. Up to six HECS exemption scholarships are available for this course.

Major studies
- Physiology, electronic systems, introduction to biophysics, electronics, software development, embedded microcontrollers, circuits, photonics and fibre optics, communications principles, linear systems, astronomy, digital signal and image processing, neural networks and intelligent instrumentation, digital electronics design, control and automation, introduction to finance and accounting, computer communications and LAN’s.

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

Professional recognition
Membership of The Institution of Engineers, Australia.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8659
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscielceng/

Robotics and Mechatronics / Computer Science and Software Engineering

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

Duration
Five years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Mathematical Methods and one of Biology, Chemistry, Physics, Psychology, Information Technology – Information Systems or Specialist Mathematics.

Application procedure
VTAC code: 34991
2001 ENTER: 91.00

Course overview
This double degree 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, 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.

Major studies
- Refer to Bachelor of Engineering (Robotics & Mechatronics) and Bachelor of Applied Science (Computer Science & Software Engineering)

Career opportunities
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.

Professional recognition
Membership of The Institution of Engineers, Australia and the Australian Computer Society.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ees/

Telecommunications and Internet Technologies / Computer Science and Software Engineering

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

Duration
Five years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), and Mathematical Methods or Specialist Mathematics.

Application procedure
VTAC code: 34791
2001 ENTER: 87.85

Course overview
This double degree 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.

Major studies
- Communications, signal processing, telecommunications technologies, networking and internetworking protocols, internet applications, object oriented software techniques (Java), software engineering techniques, database, systems software, multimedia teletraffic theory, information theory, real time embedded computing, transmission media, broadband networks, mobile communications.

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

Professional recognition
Membership of The Institution of Engineers, Australia and the Australian Computer Society.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscielceng/
**Automotive**

**Course title**
Certificate IV in Automotive
Certificate III in Automotive (Mechanical-Light Vehicle)
Certificate II in Automotive Technology

**Duration**
Certificate III: two years part-time.
Certificate II: three years part-time.
Certificate I: twenty weeks full-time.

**Campus**
Certificate II: Wantirna.

**Entry requirements**
Certificate III: completion of a trade certificate or equivalent.
Certificate II: applicants must be at least 15 years of age and apprenticed to an employer.
Certificate I: a Year 10 pass in Maths, Science and English (any) is desirable.

**Application procedure**
Direct to Swinburne.

**Course overview**
Certificate III: off-the-job training for motor mechanic apprentices, including how to repair all major vehicle components and being able to find and correct faults in cars, light trucks and 4 wheel drive vehicles.
Certificate II: aims to provide fundamental skills and knowledge for anybody seeking employment in the automotive industry.

**Career opportunities**
Certificate IV: advanced skill tradesperson, automotive technician.
Certificate III/II: apprentice motor mechanic.

**Further information**
Tel: 1300 368 777 (general enquiries)
Mechanical and Automotive Technology Department
Tel: (03) 9210 1225
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

**Aviation**

**Course title**
Diploma of Technology (Aviation)
Certificate IV in Technology (Aviation)

**Duration**
Diploma: one and a half years full-time.
Certificate IV: one year full-time.

**Campus**
Hawthorn, Moorabbin Airport.

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

**Application procedure**
VTAC code: 77031

**Course overview**
The overall objective of this course is to prepare students for professional careers in the aviation industry as aeroplane pilots. This course will give students an accredited award which will recognise their potential for further development as well as their having an enriched understanding of the aviation environment.

**Career opportunities**
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 one of Swinburne’s degree programs.

**Professional recognition**
The flying training is given by a nationally accredited provider, General Flying Services, and, in conjunction with Swinburne, provides all statutory training for qualification, as well as the preferred options required for employment, as commercial pilots.

**Further information**
Tel: 1300 368 777 (general enquiries)
Mechanical and Automotive Technology Department
Tel: (03) 9214 8504
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

**Building**

**Course title**
Diploma of Building
Certificate IV in Building
Certificate III in Carpentry and Joinery — Apprenticeship Joinery/Shopfitting/Stairbuilding
Certificate III in General Construction — Apprenticeship Carpenter
Certificate III in General Construction — Apprenticeship Painting and Decorating
Certificate II in Carpentry and Joinery — Pre-Apprenticeship Joinery/Shopfitting/STairbuilding
Certificate II in General Construction — Pre-Apprenticeship Painting and Decorating
Certificate II in General Construction — Pre-Apprenticeship Carpenter

**Duration**
Diploma: two years full-time.
Certificate IV: one year full-time, four years part-time.
Certificate III: three years part-time (8 weekly blocks).
Certificate II: sixteen weeks full-time.

**Campus**
Croydon.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent, or qualified tradesperson, or mature age.
Certificate IV: Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Certificate III: must be at least 15 years of age and apprenticed to an employer.
Certificate II: Year 10 or mature age.

**Application procedure**
VTAC (Diploma full-time) or direct to Swinburne for part-time and certificate courses.
VTAC code: 70031

**Course overview**
Diploma: covers building theory and practice related to residential, industrial and commercial buildings. Major studies include: quantity surveying, tendering, planning and scheduling, construction technology and management, construction dealing, personnel management, contract administration, cost control and quality management.
Certificate IV: covers building theory and practice related to low rise buildings and associated steel structures. Major studies include: plan interpretation, drafting, quantities take off, estimating, scheduling, construction technology, OHS, site supervision surveying, cost control and business management.
Certificate III (Carpentry): students receive advanced training in carpentry. Major studies include: hand tool skills, scaffolding, use of power tools, occupational health and safety, plan and document interpretation, and framing, roofing and fixing skills.
Certificate III (Painting and Decorating): students receive advanced training in painting and decorating. Major studies include: hand tool skills,
scaffolding, use of power tools, occupational health and safety, plan and document interpretation, paint application skills, paint types and uses.

Certificate III (Joinery/Shopfitting/Stairbuilding): apprentices in joinery are involved in planning and construction of off-site components used in the building industry including doors, windows cupboards and stairs. Skill development covers preparation of plans, cutting schedules and set-out requirements for all aspects of trade.

Certificate II: suitable for people interested in gaining an apprenticeship or traineeship in the building industry.

Career opportunities:
Diploma: building works supervisor, estimator, contract administration and builder.
Certificate IV: building practitioner, building works supervisor, estimator.
Certificate III: employment in the building and construction industry as a qualified tradesperson.
Certificate II: apprenticeship in the building and construction industry.

Further information
Tel: 1300 368 777 (general enquiries)
Building and Transport Department
Tel: (03) 9210 6663
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

Like many students finishing Year 12, Ray Taylor wasn't sure what he wanted to do with his future. To support himself while he worked out where his future lay, he took a temporary job labouring for a local builder.

Ray discovered he enjoyed the work and the outdoor lifestyle. He decided to take up a trade and having already worked on several building projects he knew enough about the industry to decide carpentry was the trade for him. His boss was supportive and agreed to take him on as an apprentice.

A friend of Ray's was halfway through the Certificate III in General Construction at Swinburne and Ray liked the sound of the course. He was soon enrolled and spending one week a month at Swinburne's Croydon campus. The rest of the month was spent learning on the job with his employer.

Ray said the course was important in building on the knowledge he gained on the job. “It taught me a lot of practical stuff as well as theory. Because my boss was a small builder I followed the whole job from start to finish, so I practically got to put the whole syllabus into practice.”

And Ray liked the fact that the course had a wider scope than just carpentry. “I learnt about things like steel-framed buildings and the basics of other trades. That’s handy when a job doesn’t justify calling in another tradesman, such as when you need to plaster a new door frame.”

Ray’s enthusiasm and obvious talent were recognised by the Master Builders Association of Victoria who judged him to be the best second year carpenter’s apprentice in Victoria.

After four years Ray qualified and set up as a sub-contractor, in partnership with a fellow Swinburne student. Together they build the frames and roofs of new buildings, and also “do a bit of lock-up stage work – that’s putting up the eaves, installing baths and shower bases.”

Ray hasn’t stopped studying though. He spends two evenings a week working towards his Certificate IV. “Turning up in the evening can be a drag after a hard days work, but it’ll be worth it in the end.”

And Ray’s experience in the building industry has taught him the value of property. He now has a couple of investment properties that are, naturally, well maintained by their owner.
**Computer Systems**

**Course title**
- Diploma in Computer Systems
- Certificate IV in Computer Systems
- Certificate II in Computer Systems

**Duration**
- Diploma: two years full-time or equivalent part-time. Certificate IV: one and a half years full-time or equivalent part-time. Certificate II: six months full-time or equivalent part-time.

**Campus**
- Croydon, Hawthorn, Wantirna (Certificate II only).

**Entry requirements**
- Diploma: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
- 2002 VCE prerequisites: Units 1 and 2 – Mathematical Methods or Units 3 and 4 – Mathematics (any).
- Certificate IV: successful completion of Cert II. Certificate II: Year 11 or mature age.

**Application procedure**
- VTAC (Diploma/Certificate IV full-time) or direct to Swinburne for part-time and Certificate II. VTAC code: 70011 (Croydon) 77341 (Hawthorn)

**Course overview**
This course provides vocational training for people wanting to begin a career or pursue further study in the computer and electronic industries. It is designed to provide a sound background and application of hardware and software components of modern computing systems including network techniques.

**Career opportunities**
- Diploma: employment as a technician who performs maintenance, a systems manager or support officer for computer and electronic industries.
- Certificate IV: technicians capable of performing a range of complex functions without direct supervision.
- Certificate III: employment as a registered technician.
- Certificate II: apprentice electrician or electrical trainee.

**Further information**
- Tel: 1300 368 777 (general enquiries)
- Department of Electrical and Electronics Technology
  Tel: (03) 9214 8875 (Hawthorn)
  (03) 9213 6690 (Croydon/Wantirna)
  Email: tafeeng@swin.edu.au
  Website: www.tafe.swin.edu.au/eng

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**Electrical**

**Course title**
- Certificate IV in Electrical Technology (Systems Electrician)
- Certificate I in Electrical – Pre-Apprenticeship

**Duration**
- Certificate IV: four years part-time.
- Certificate III: three years part-time.
- Certificate I: six months full-time.

**Campus**
- Hawthorn, Wantirna.

**Entry requirements**
- Certificate III: must be a registered electrical apprentice.
- Certificate I: Year 11 or mature age student preferred.

**Application procedure**
- Direct to Swinburne.

**Course overview**
- Certificate IV: provides post-trade further study for persons seeking a career in electrical, electronics and allied industries.
- Certificate III: designed for people employed as electrical apprentices, the course provides students with the necessary skills and knowledge to work at trade level within the electrical and electronics industry.
- Certificate I: aims to provide students with general knowledge and skills in electrical industry, which will enhance the opportunity of gaining an apprenticeship.

**Career opportunities**
- Certificate IV: technicians capable of performing a range of complex functions without direct supervision.
- Certificate III: employment as a registered technician.
- Certificate II: apprentice electrician or electrical trainee.

**Further information**
- Tel: 1300 368 777 (general enquiries)
- Electrical and Electronics Technology
  Department
  Tel: (03) 9214 8875 (Hawthorn)
  (03) 9210 1226 (Wantirna)
  Email: tafeeng@swin.edu.au
  Website: www.tafe.swin.edu.au/eng

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**Electronics**

**Course title**
- Diploma of Electronics (Broad Based)/ (Microprocessors)
- Certificate IV in Electronics (Broad Based)/ (Microprocessors)
- Certificate II in Electronics

**Duration**
- Diploma: two years full-time or equivalent part-time.
- Certificate IV: eighteen months full-time or equivalent part-time.
- Certificate II: six months full-time or equivalent part-time.

**Campus**

**Entry requirements**
- Diploma: successful completion of an appropriate Victorian Year 12 or its equivalent, successful completion of Certificate IV, or mature age.
- 2002 VCE prerequisites: Units 1 and 2 – Mathematical Methods or any two mathematics at Unit 3 and 4.
- Certificate IV: successful completion of Cert II.
- Certificate II: Year 11 or mature age.

**Application procedure**
- VTAC (Diploma full-time) or direct to Swinburne for part-time, mid-year intake, or certificates.
- VTAC code: 70431 (Croydon) 77431 (Hawthorn)

**Course overview**
- Diploma/Certificate IV (Microprocessors): gives students a general background in electronics, with an emphasis on digital technology and the application of Microprocessors-controlled circuitry.
- Diploma/Certificate IV (Broad Based): gives students a general background in electronics.

**Career opportunities**
- Technical officer assistant.

**Professional recognition**
- Associate membership of The Institution of Engineers, Australia.

**Further information**
- Tel: 1300 368 777 (general enquiries)
- Electrical and Electronics Technology
  Department
  Tel: (03) 9213 6690 (Croydon/Wantirna)
  Tel: (03) 9214 8875 (Hawthorn)
  Email: tafeeng@swin.edu.au
  Website: www.tafe.swin.edu.au/eng
Engineering

Course title
Advanced Diploma of Engineering Technology (Principal Technical Officer)
Advanced Diploma of Engineering Technology – Post Trade
Certificate III in Engineering (Fabrication) – Apprenticeship
Certificate III in Engineering (Mechanical) – Apprenticeship
Certificate II in Engineering – Pre-Apprenticeship
Engineering Production Certificate – Levels 1, 2 and 3

Duration
Advanced Diploma (Principal Technical Officer): three years full-time, six years part-time.
Advanced Diploma: two years full-time, four years part-time
Certificate IV: two years part-time (day or evening).
Certificate III: three years part-time (day or block release).
Certificate II: twenty weeks full-time.
Engineering Production Certificate: 320 hours per level.

Campus
Advanced Diploma: Hawthorn.

Entry requirements
Advanced Diploma (Principal Technical Officer): successful completion of the Advanced Diploma of Engineering Technology or equivalent.
Advanced Diploma: successful completion of an appropriate Victorian Year 12 or its equivalent, with passes in Units 1 and 2 – mathematics (any), or completion of a mechanical or fabrication trade certificate, or mature age entry.
Non-Year 12 applicants may be required to attend an interview and/or complete a written test.
Certificate IV: successful completion of the academic requirements of a fitting and machining apprenticeship.
Certificate III: students must be registered apprentices.
Certificate II: Year 10 level is preferred, or mature age.
Engineering Production Certificate: none.

Application procedure
VTAC (Diploma full-time) or direct to Swinburne for part-time, mid-year intake, and all other courses.
VTAC code: 77441

Course overview
Advanced Diploma (Principal Technical Officer): aims to meet the needs of people at, or aspiring to, the Metals and Engineering Award Classification and managers in both public and private sectors across all engineering streams and in small medium and large enterprises.

Advanced Diploma: equips students with the knowledge and skills required for a career in manufacturing and mechanical engineering. Students select either a Mechanical, Manufacturing, CAD, or Robotics & Mechatronics stream. In the Mechanical stream skills are attained in mechanical design and drafting. The Manufacturing stream focuses on the manufacturing industry and modern production techniques. The Computer Aided Design (CAD) stream has a mechanical engineering focus with added skill development in CAD. The Robotics and Mechatronics stream develops innovative skills in robotic and mechatronic systems, computing, electronics, mechanical and electrical engineering.

Post Trade: This course is offered in three streams. The CNC Machining stream provides students with the knowledge and skills in CNC technology to safely operate and program CNC machines. Students learn how to produce machined components to a high degree of accuracy in a workshop environment using milling machines. CNC lathes and CNC machining centres. In the Maintenance and Fluid Power stream students learn to install and maintain factory equipment and machine tools, diagnose faults in fluid power equipment and develop valuable welding skills. In the Press Toolmaking stream students manufacture press tools using CNC technology in a tool room environment, design and manufacture tools to produce consistent, accurate burr free components and carry out press settings for tool trials.

Certificate III (Fabrication): qualifies personnel for the engineering fabrication trade. On completion, students will have skills in welding and metal fabrication in the trade of Boilermaking.

Certificate III (Mechanical): provides students with necessary skills and knowledge to work at trade levels within the metal trades industry.

Certificate II: aims to provide students with a broad overview of the engineering field and prepares participants for entry into employment as apprentices or trainees in the area of mechanical, fabrication, electrical, automotive and electronics. Major studies include:

Engineering Production Certificate: aims to meet the formal training needs of operators and production workers across a broad range of activities in the manufacturing and engineering industries. The course consists of three levels each consisting of eight modules.

Career opportunities
Advanced Diploma (Principal Technical Officer): management positions in engineering with a high level of technical engineering knowledge.

Advanced Diploma: production supervisor, production planner, production controller, tools design, drafting technician, estimator, plan and equipment sales agent. Also positions involving the installation, commissioning and maintenance of industrial mechanical equipment, drafting and design of mechanical equipment.

Post Trade: employment in the mechanical post trade area equating to a C7 classification.

Certificate III (Fabrication): tradesperson in industries such as maintenance and repairs, structural steel fabrication, container manufacture, pipeline welding, shipbuilding and general engineering.

Certificate III (Mechanical): tradesperson in industries such as manufacturing, maintenance, repairs, jobbing and general engineering.

Certificate II: apprentice or trainee in engineering trades in areas of mechanical, fabrication, electrical, automotive and electronics.

Engineering Production Certificate: employment up to C10 level in the manufacturing and engineering industry.

Further information
Tel: 1300 368 777 (general enquiries)
Mechanical and Automotive Technology Department
Tel: (03) 9214 8504 (Hawthorn)
Tel: (03) 9210 1226 (Wantirna)
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng
Fire Technology

Course title
Diploma of Fire Technology
Certificate IV in Fire Technology

Duration
Diploma: part-time only.
Certificate IV: one year full-time or equivalent part-time.

Day, evening and weekend classes are available, and Distance Learning is available for some subjects.

Campus
Hawthorn.

Entry requirements
There are no formal prerequisites required, however, applicants should be able to demonstrate the following competencies: reading and writing at a level that displays emerging technical knowledge and vocabulary, ability to participate in extended learning exchanges and exploratory discussions to solve problems, ability to use and analyse everyday data, relation and pattern, number, measurement and shape.

Application procedure
VTAC or direct to Swinburne.
VTAC code: 77631

Course overview
The Diploma is designed to develop technical skills and knowledge and to train practitioners and designers to work with engineers and related professionals in the development, commissioning, monitoring and assessment of fire safety systems, practices and products and investigation of fire emergency incidents. The course allows for specialisation in three main streams: fire safety management, fire protection design and fire investigation.

The Certificate provides a broad grounding in generic workplace skills and knowledge of fire industry operations covering the principles of fire behaviour and fire protection.

Flexible delivery combines traditional correspondence study with teacher-contact support. Contact the Distance Learning Centre for further details on 1800 633 560.

Note: this course is due for reaccreditation in 2001. Final course details were not available at the time of printing. However, the new content should be much the same as the information above.

Career opportunities
Practitioners or assistants in fire safety, insurance and systems design.

Further information
Tel: 1300 368 777 (general enquiries)
Mechanical and Automotive Technology Department
Tel: (03) 9214 8504
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

Quality Technology

Course title
Certificate in Quality Technology

Duration
One to two years part-time.

Campus
Hawthorn.

Entry requirements
Because of the strong bias towards statistical methods, the student must have a firm mathematical grounding, or a pass in Mathematics (TEA002). Bridging Mathematics can be arranged.

Application procedure
Direct to Swinburne.

Course overview
Quality Technology is concerned with the techniques and strategies necessary to build quality into a product or service at a competitive price and to maintain this level of quality in order to give continued customer satisfaction. The achievement of quality goals in a manufacturing company is twofold. It concerns the inclusion of quality responsibilities into various functions such as product design and development, production engineering, human resources, production control purchasing, installing, and operating auditing and quality systems.

Career opportunities
Employment in a range of industries as quality audit or manual writer and other quality related positions.

Further information
Tel: 1300 368 777 (general enquiries)
Mechanical and Automotive Technology Department
Tel: (03) 9214 8504
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng

Renewable Energy Technology

Course title
Certificate IV in Renewable Energy Technology

Duration
One year full-time or two years part-time.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

Basic mathematical literacy skills are desirable to enable successful completion of the course.

Applicants with computer literacy qualifications may gain exemptions for some modules.

Application procedure
VTAC (full-time), direct to Swinburne for part-time.
VTAC code: 77041

Course overview
This course covers the principles of 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 and wind energy. The course also covers micro-hydro systems, solar biological energy and the use and re-use of plant animal materials to generate energy.

Career opportunities
Graduates from this course will be employed as consultants that will be capable of designing, installing, commissioning, maintaining, operating and repairing renewable energy systems. Graduates will also have the skills necessary to operate in small business management.

Further information
Tel: 1300 368 777 (general enquiries)
Mechanical and Automotive Technology Department
Tel: (03) 9214 8504
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng
**OTHER COURSES**

**DRIVER INSTRUCTION**

<table>
<thead>
<tr>
<th>Course title</th>
<th>Duration</th>
<th>Campus</th>
<th>Entry requirements</th>
<th>Application procedure</th>
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<tbody>
<tr>
<td>Certificate III in Road Transport (Motor Vehicle Driver Instruction)</td>
<td>Three to six months part-time</td>
<td>Croydon and Kilsyth (METEC)</td>
<td>Current Driver's Licence.</td>
<td>Direct to Swinburne.</td>
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**FORKLIFT TRUCK DRIVING**

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<tr>
<td>Forklift Truck Driver</td>
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<td>Forklift Truck Driver Assessment</td>
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<td><strong>Certificates to AS1796:</strong></td>
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<td>Welding certificates to AS1796</td>
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<td>Certificate of Advanced Welding</td>
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<td><strong>Certificates in Basic Welding:</strong></td>
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**WELDING**

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<td>Certificate in Basic Welding</td>
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**Further information**

Tel: 1300 368 777 (general enquiries)  
Building and Transport Department  
Tel: (03) 9213 6663  
Email: tafeeng@swin.edu.au  
Website: www.tafe.swin.edu.au/eng  

**Course overview**

Forklift Truck Driver: students learn skills to gain Occupational Health and Safety certification Class LF from qualified industry expert, and enable safety operation of a forklift truck in industry.  
Forklift Truck Driver Assessment: designed to give experienced operators up-to-date information on current regulations and safety procedures and to ensure that they are competent in current driving and the operational skills required in industry.

**Further information**

Tel: 1300 368 777 (general enquiries)  
Building and Transport Department  
Tel: (03) 9213 6663  
Email: tafeeng@swin.edu.au  
Website: www.tafe.swin.edu.au/eng

**Career opportunities**

Certificates to AS1796: boiler and vessel manufacture, oil and gas pipeline installation and general fabrication.

Advanced Welding: employment in the automotive, maintenance, agriculture, motor-body building, furniture manufacturing and general fabrication industries.

Basic Welding: employment in engineering where basic welding skills are necessary.

**Further information**

Tel: 1300 368 777 (general enquiries)  
Mechanical and Automotive Technology Department  
Tel: (03) 9214 8504 (Hawthorn)  
Tel: (03) 9210 1226 (Wantirna)  
Email: tafeeng@swin.edu.au  
Website: www.tafe.swin.edu.au/eng
**Biochemistry/Chemistry**

**Course title**
Bachelor of Applied Science (Biochemistry/Chemistry)

**Duration**
Four years full-time including one year of Industry-Based Learning (IBL). An honours year is also available.

**Campus**
Hawthorn.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), one of Mathematical Methods, Specialist Mathematics, or a study score of at least 30 in Further Mathematics, and one of Chemistry or Biology.

**Application procedure**
VTAC code: 34601
2001 ENTER: Individual offer

**Course overview**
Biochemistry is the study of the structures and processes of living things based on the principles of chemistry and biology. This course examines how biochemical knowledge can be applied to a range of industries and medical investigations. It emphasises practical skills relating to the culturing of microorganisms and the investigation of complex molecules such as enzymes and DNA. It also develops general skills such as computing, management, team-work, and looks at the role of chemistry in society, industry and the environment.

**Major studies**
Biology, chemistry, biochemistry, microbiology, biotechnology, chemical applications, computer applications, mathematics, general business skills. Final year research project.

**Career opportunities**
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 biomediation.

**Professional recognition**
Membership of the Royal Australian Chemical Institute, the Australian Society for Biochemistry and Molecular Biology, the Australian Biotechnology Association and the Australian Society for Microbiology.

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

**Further information**
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/SES/

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**Biomedical Sciences**

**Course title**
Bachelor of Science (Biomedical Sciences)

Students have the option of undertaking the double degree after Year 1 or 2.

**Duration**
Three years full-time.

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

**Campus**
Hawthorn.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Physics and Mathematical Methods or Specialist Mathematics.

**Application procedure**
VTAC code: 34681
2001 ENTER: 88.10

**Course overview**
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.

**Major studies**
Medical biophysics, cell function, cardiology, respiratory technology, neuroscience, electronics, biomedical and scientific instrumentation and monitoring systems, medical imaging, physics, physiological modelling, emerging medical technologies, sensory systems, respiratory and renal biophysics.

**Career opportunities**
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.

**Professional recognition**
Membership of the Australian College of Physical Scientists and Engineers in Medicine.

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

**Further information**
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/biosciences/
Course title
Bachelor of Social Science (Psychology)

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 34341 (full-time)
34271 (part-time)
2001 ENTER: 86.60

Course overview
The psychology profession is forecast to have the highest percentage employment growth of all occupational groups during the next decade. Our society has become increasingly aware that major social issues are fundamentally related to human behaviour, which is the subject matter of psychological study. This degree also focuses on generic skills such as data collection, analysis and report writing, problem-solving abilities, and research skills related to working with people.

Social Science (Psychology) students are required to undertake two majors, one of which must be Psychology.

Social Science (Psychology) students may also undertake studies from a wide range of Business, Social Science and Arts subjects (see page 21, 65 and 82 and separate entries for further details on each of these).

Career opportunities
Human services, research, citizenship, social policy 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.

Professional recognition
The three-year undergraduate sequence in Psychology is accredited by the Australian Psychological Society.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Social and Behavioural Sciences
Tel: (03) 9214 5399
Email: sbsadmin@swin.edu.au
Website: www.swin.edu.au/sbe

Anyone looking at Edwina Breitzke’s resume may be forgiven for the thinking she had lied about her age. It’s hard to believe she has found time to fit in so many achievements during what she, somewhat tongue-in-cheek, refers to as her ‘career path’.

Her first degree was in languages, but she says, “I had the interest but not the passion. I needed to go on to something more challenging.”

Edwina travelled extensively after graduating including a two-year stint teaching English in Japan. “It was challenging, exciting and taught me a lot about other people, other cultures and myself.”

Back in Melbourne, Edwina currently works as a counsellor in sexual assault and suicide prevention. She is also a volunteer supervisor at Lifeline.

Due to her interest and work in the counselling area, Edwina applied to Swinburne to study psychology. She said that as a mature age student “I found Swinburne was more flexible. They offered single subjects and I was exempted from the first year because of my existing degree. Also my subjects were available through evening classes so I could still work three days a week while I studied.”

After graduation Edwina decided to do a fourth year to be eligible to become a registered psychologist. Her Honours year was really hard work but rewarding. “We had a really fantastic network during fourth year. We studied and socialised together. It was a very stimulating year.”

Edwina’s volunteer work had not gone unnoticed and in 2000 she was awarded the Weary Dunlop scholarship; a $3,000 scholarship offered annually to final year students who not only perform academically but also show commitment to community service.

Now that Edwina has graduated she is continuing to work as a counsellor. In the future she hopes to become a counselling psychologist and she knows the Swinburne course will provide a good foundation. “I feel equipped for my future career. Some of my studies seemed dry and theoretical but I am beginning to appreciate it is enormously helpful. Psychology has so many applications: community health, recruitment, crisis work even public relations.”
HEALTH AND HUMAN SERVICES – DEGREES

PSYCHOLOGY/ BIOCHEMISTRY

Course title
Bachelor of Applied Science (Psychology/Biochemistry)

Duration
Three years full-time.
An optional and additional year of Industry-Based Learning (IBL), and an honours year may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), either Chemistry or Biology, and one of Mathematical Methods, Specialist Mathematics, or a study score of at least 30 in Further Mathematics.

Application procedure
VTAC code: 34161
2001 ENTER: Individual offer

Course overview
This course covers both psychology and biochemical structures and processes that underpin and influence human behaviour. Special topics deal with neurological processes and biochemistry of the brain.

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.

Major studies
Social psychology: developmental psychology, design and measurement, personality, abnormal psychology, psychological measurement.

Biochemistry: general biochemical processes, protein and enzyme structure and function, molecular genetics and the biochemistry of complex molecules such as proteins and DNA, biochemical signals and the interaction of therapeutic drugs.

Career opportunities
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.

Professional recognition
The psychology major is accredited by the Australian Psychological Society (APS).

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ese/

PSYCHOLOGY/ PSYCHOPHYSIOLOGY

Course title
Bachelor of Applied Science (Psychology/ Psychophysiology)
Bachelor of Arts (Psychology/Psychophysiology)

Duration
Three years full-time.
An honours year is also available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), one of Mathematical Methods, Specialist Mathematics, Physics, Chemistry, or Biology.

Application procedure
VTAC code: 34141 (Applied Science)
VTAC code: 34461 (Arts)
2001 ENTER: 86.25 (Applied Science)
86.90 (Arts)

Course overview
This course covers both psychology and associated physiological processes, particularly neurological and cognitive processes. It emphasises the monitoring and measurement of physiological processes using biomedical instrumentation, and relates this to behaviour and psychological state.

Major studies

Career opportunities
Neurophysiological areas of hospitals; research areas of universities and research institutes within the private and public sectors; community health services, and clinics, and institutions; sports psychology; ergonomics; psychophysiology; clinical psychology.

Professional recognition
The psychology major is accredited by the Australian Psychological Society (APS).

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering (Applied Science)
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swi.edu.au/biosci/eleceng/
School of Social and Behavioural Sciences (Arts)
Tel: (03) 9214 5209
Email: sbsadmin@swin.edu.au
Website: www.swin.edu.au/sbs

PUBLIC HEALTH

Course title
Bachelor of Health Science (Public Health Management)

Duration
Four years full-time including one year of Industry-Based Learning (IBL). An honours year is also available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), one of Mathematical Methods or Specialist Mathematics, or a study score of at least 30 in Further Mathematics, and one of Chemistry, Biology or Physics.

Application procedure
VTAC code: 34051
2001 ENTER: Individual offer

Course overview
Public health management focuses on the technical, scientific and social issues associated with the management of public health risks. Students study science, engineering and humanities subjects and develop a wide range of biological, technological, legal and administrative skills including planning, designing and implementing programs in community health, environmental protection, food safety, risk analysis and occupational health and safety.

Major studies
Law, food and water science, microbiology, communicable disease control, public health and environmental risk assessment and management, health planning and promotion, occupational health and safety.

Career opportunities
This course is an accredited qualification for those seeking a career as an environmental health officer. Employment may be found with commonwealth, state and local government authorities, and increasingly, food and waste management industries and private consultancies.

Professional recognition
Membership of the Australian Institute of Environmental Health.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Engineering and Science
Tel: (03) 9214 8372
Email: engsci@swin.edu.au
Website: www.hed.swin.edu.au/ese/
**SOCIAL SCIENCE**

**Course title**
Bachelor of Social Science

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

**Campus**
Hawthorn.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

**Application procedure**
VTAC code: 34221 (full-time) 34191 (part-time)
2001 ENTER: 83.45

**Course overview**
Social Science students learn how to gather, synthesise and assess information, how to conceptualise issues, and to express themselves effectively both orally and in writing. The major areas of study within this degree are Politics, Psychology and Sociology. These subjects involve core competencies required by growth areas in Australian industry and government.

Politics concentrates on the study of political power and policy, the factors that influence these, and their impact on society. Courses provide an overview of modern Australian politics, the system of government, the role of social movements in Australia, international politics and Australian foreign policy, and the social and political changes sweeping Asia. Politics enables us to understand the decisions that shape our lives, and to see Australia in its regional context.

Psychology provides a scientific basis for understanding ourselves and other people whilst Sociology is the study of people in groups ranging from the family to whole societies.

Social Science students may also undertake studies from a wide range of Business and Arts subjects (see list on page 21 and 82 and separate entries for further details on each of these). They are required to undertake two majors, one of which must be Politics, Psychology or Sociology. (see below for further details on each of these).

**Career opportunities**
Human services, research, citizenship, social policy 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.

**Professional recognition**
The three year undergraduate sequence in Psychology is accredited by the Australian Psychological Society.

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

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**Social Science Specialisations**

Students studying degrees or double degrees in Arts, Business, Information Systems or Social Science have the option of undertaking subjects from these study areas.

An honours year is also available.

**Politics**
Politics concentrates on the study of political power and policy, the factors that influence these, and their impact on society. Courses provide an overview of modern Australian politics, the system of government, the role of social movements in Australia, international politics and Australian foreign policy, and the social and political changes sweeping Asia. Politics enables us to understand the decisions that shape our lives, and to see Australia in its regional context.

**Psychology**
Psychology provides a scientific basis for understanding ourselves and other people. It addresses many topics ranging from brain processes to dreams and consciousness, and from child development to abnormal psychology. There is an emphasis on practical skills and application. After completing a Psychology major students can undertake further study in areas of professional psychology, such as clinical, counselling, health organisational, sports and forensic psychology.

**Sociology**
Sociology is the study of people in groups ranging from the family to whole societies. It is about how individual and group behaviour shapes groups and society and, in turn, how behaviour is shaped by society and its institutions. Understanding group behaviour, being familiar with different explanations for this behaviour, and being able to gather data to explore aspects of the social world are important skills, both for employment purposes and for being a knowledgeable and participating citizen of Australian society.

**Career opportunities**
Social research, administration, community development, public housing, human resources, marketing, social work.

**Professional recognition**
Australian Sociological Association.

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

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Further information
School of Social and Behavioural Sciences
Tel: (03) 9214 5209
Email: sbsadm@swin.edu.au
Website: www.swin.edu.au/sbs
**Biomedical Sciences/Electronics and Computer Systems**

**Course title**
Bachelor of Science (Biomedical Sciences)/Bachelor of Engineering (Electronics and Computer Systems)

Students have the option of early exit with the first degree.

**Duration**
Five years full-time.

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

**Campus**
Hawthorn.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any), Physics and Mathematical Methods.

**Application procedure**
VTAC code: 34681
2001 ENTER: 88.10

**Course overview**
This double degree covers specialist study of the physical, physiological and anatomical aspects of the human body and its medical care, plus a full span of studies important to a professional electrical/electronic/biomedical engineer.

**Major studies**
Medical biophysics, cell function, cardiology, respiratory technology, neuroscience, electronics, biomedical and scientific instrumentation and monitoring systems, medical imaging, electrical engineering, power systems, microprocessor and computer systems, automatic control systems, digital signal and image processing.

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

**Professional recognition**
Membership of The Institution of Engineers, Australia.

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: lyoung@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/

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**Social Science/Welfare Studies**

**Course title**
Bachelor of Social Science/Diploma of Community Services (Welfare Studies)

**Course length**
Four years full-time.

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

**Campus**
Lilydale.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent, and a minimum of one years work experience in a relevant field.

Selection may also be based on an interview and a short written exercise.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

This course is not available to students who have completed a Diploma of Community Services (Welfare Studies).

**Application procedure**
VTAC code: 35111 (Lilydale)
2001 ENTER: 61.20

**Course overview**
Students undertake both a Diploma of Community Services (Welfare Studies) and a Social Science degree. The two awards are linked through their common focus on community and human services and the social and behavioural sciences. Students have the opportunity to develop community service orientated competencies combined with a sound theoretical grounding in social and behavioural science.

**Career opportunities**
The Welfare Studies Diploma is recognised by government and non-government agencies for employment in the fields of child welfare, youth work, disability, family work and aged care. The Psychology major provides a basis for further studies and a career as a psychologist.

Further information
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: ldinfo@swin.edu.au
Website: www.ld.swin.edu.au

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**See Also**
Bachelor of Business (Human Resource Management)
Refer Business, Innovation and Management

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**Dual Qualification**

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Aged Care

Course title
Certificate IV in Diversional Therapy
Certificate III in Community Services (Aged Care Work)

Duration
Diversional Therapy: two years part-time.
Aged Care: three months full-time (including workplace and campus-based hours).

Campus
Croydon, Prahran.

Entry requirements
There are no entry requirements. However, preference will be given to those currently employed in the field, those who have past experience as volunteers or in paid employment, and those with personal experience in caring for older people or people with a disability.

Application procedure
Direct to Swinburne.

Course overview
Diversional Therapy: providing leisure opportunities for older people and people with disabilities is a new and growing field in Australia. As these new programs emerge, there is an increasing need to provide qualified professionals to facilitate these leisure and recreation programs. Major studies include: client interaction, introduction to health, ageing in Australia, psychology, specific needs, presenting reports.

Aged Care Work: aims to provide an accredited training program for workers within the aged care sectors, in a range of industry workplaces or on a one-to-one basis with individual clients. Major studies include: hygiene and comfort, mobility, meaningful activity, grieving and dying, medication administration and monitoring, dementia management.

Career opportunities
Employment as a diversional therapist, personal carer in the aged and/or disabilities services fields.

Further information
Tel: 1300 368 777 (general enquiries)
Community and Further Education Department
Tel: (03) 9213 6682 (Croydon)
(03) 9214 6866 (Prahran)
Website: www.tafe.swin.edu.au/socsci/

I WOULDN’T HAVE GOT THE JOB WITHOUT MY DIPLOMA

Diploma of Children’s Services (Centre Based Care)

Horticulture and childcare don’t seem like natural bedfellows but Kirstie Dowel blends the two together well. After all, as she says, “they are both about growing and nurturing”

When Kirstie left school she followed one of her passions and became an apprentice in horticulture at Melbourne’s botanic gardens. She indulged her other passion, working with young children, by helping out in the garden’s education unit.

After finishing her four year apprenticeship she decided to take a ten month break and toured the top end of Australia. When she returned to Melbourne it didn’t take her long to decide her future was working in the childcare industry rather than in horticulture.

She applied for a place in Swinburne’s Diploma of Children’s Services. As a mature age entrant Kirstie sat a short test, had an interview and was soon enrolled. Kirstie is full of praise for her lecturers, she said, “I had never been a good student, but the enthusiasm of the lecturers changed that and I surprised myself.”

Like many students Kirstie found it tough going at times financially, “Student Services were really helpful and arranged an interest free loan when I needed some cash.”

Kirstie completed several work placements during her course. One of her placements was at a kindergarten in Taiwan. Talking about her experience there she said, “The people were amazing and so friendly. Even though the children were young, they were keen to learn English.”

Having graduated Kirstie quickly found a job at a kindergarten in an inner city suburb. She said, “I wouldn’t have got the job without my diploma. My lecturers had really got to know me and they gave me references, which was great.”

The kindergarten is not just benefiting from Kirstie’s training at Swinburne; her horticulture training is also being well used to teach the children about plants and nature. “I put into practise most of what I learnt at Swinburne now I am working at the kindergarten, and my horticulture skills come in handy as well.”

When asked about her long-term goals she said, “I definitely want to stay at the kindergarten for a few years. It is rewarding working with kids from a wide range of cultures and family backgrounds. Long term I’d love to get a job with the local council advising schools and kinders on how to help kids with special needs fit in and enjoy school.”
**Child Care**

**Course title**
- Advanced Diploma of Community Services (Children’s Services)
- Diploma of Community Services (Children’s Services) – Centre Based Care
- Diploma of Community Services (Children’s Services) – Out of School Hours Care
- Certificate III in Community Services (Children’s Services) – Traineeship
- Certificate II in Community Services (Children’s Services)

**Duration**
- Advanced Diploma: one year full-time or equivalent part-time.
- Diploma (Centre Based Care): two years full-time or equivalent part-time.
- Diploma (Out of School Hours Care): eighteen months to two years part-time.
- Certificate III: one year part-time.
- Certificate II: six months full-time or up to two years part-time.

**Campus**
- Advanced Diploma: Prahran.
- Diploma (Centre Based Care): Croydon, Prahran.
- Diploma (Out of School Hours Care): Prahran, Workplace Training.
- Certificate II: Croydon, Prahran, Distance Learning or Vocational Program.

**Entry requirements**
- Advanced Diploma: completion of the Diploma of Community Services (Children’s Services) – Centre Based Care stream, or its equivalent.
- Diploma (Centre Based Care): Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
- Diploma (Out of School Hours Care): Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. Students working in the OSHC industry preferred.
- Certificate III: demonstrated interest in and suitability for work in children’s services field.
- Certificate III (traineeship): must be eligible to register as a trainee and working in partnership with an employee.
- Certificate II: there are no formal entry requirements.

**Application procedure**
- Advanced Diploma: direct to Swinburne.
- Diploma (Centre Based Care) full-time: must apply through VTAC and also complete a Child Care application form. Part-time applicants must complete a Child Care application form.
- VTAC Code: 70021 (Croydon)
- 78051 (Prahran)

All applicants must attend a compulsory information session. VCE applicants are required to attend an interview and must have an ENTER. Alternative category applicants are required to sit an entrance exam and attend an interview.

**Diploma (Out of School Hours Care): direct to Swinburne.**

Certificate III direct to Swinburne. Applicants must complete a Child Studies application form and attend a compulsory information session. This may be followed by a test and interview.

**Course overview**
- Advanced Diploma: designed to further the leadership and management skills of those who hold positions of responsibility in children’s services and who wish to gain qualifications to further their career path in children’s services. Major studies include: team membership and management, communication and diversity, studies, health and safety, child development, guiding behaviour.
- Diploma (Centre Based Care): 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. They also gain knowledge of development of children from six to twelve years and learn to work closely with parents in fostering children’s development.
- Diploma (Out of School Hours Care): is designed to provide the skills, knowledge, understanding and practical skills to work with children and their families in outside school hours care programs. Graduates provide quality care for the social, emotional, physical, educational and recreational needs of school age children (5-12 years). Major studies include child development, childhood observation, health and safety, first aid, communicating with children, families, staff, understanding and guiding children’s behaviour, program planning (OSHC), play and leisure, service administration.
- Certificate III: provides training for a challenging career with young children aged from 0-6 years. It also provides training for those who wish to work in before school/after school and vacation care with children 5-12 years. This course has extensive credits into the Diploma of Community Services (Children’s Services).
- Certificate II: contains the first modules of the Certificate III and the Diploma. Students are supported by workshops, phone tutoring and study using manuals. Streams of this course are adapted for those interested in Home Based Care (Family Day Care) as well as for those interested in Centre Based Care. This course is also conducted in schools as a vocational program for Year 11 and 12.

**Career opportunities**
- Advanced Diploma: leadership and management roles in the children’s services industry.
- Diploma (Centre Based Care): child care centres, family day care schemes, infant care settings, private homes, pre-school play centres, out of school hour programs and work as aides with children who have special needs.

**Further information**
- Tel: 1300 368 777 (general enquiries)
- Department of Children’s Services
- Tel: (03) 9214 6663 (Prahran)
- (03) 9213 6828 or 6882 (Croydon)
- Website: www.tafe.swin.edu.au/acsci
### Community / Health Management

**Course title**  
Diploma of Community Services (Management)

**Duration**  
Two years full-time.

**Campus**  
Prahran, Wantirna, Community Venue or Workplace.

**Entry requirements**  
Demonstrated experience in a supervisory or higher level in the Community Services sector.

**Application procedure**  
Direct to Swinburne.

**Course overview**  
This course aims to provide an integrated sequence of management training for members of self-managing work groups and supervisors/managers. 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 & safety, communication and optional areas in training and assessing, networking, community resources and education, case management and volunteering.

**Career opportunities**  
Management across all community service sectors.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Community and Further Education Department  
Tel: (03) 9214 6866 (Prahran)  
(03) 9210 1212 (Wantirna)  
Website: www.tafe.swin.edu.au/socsci

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### Community Work

**Course title**  
Diploma of Community Services (Community Work)

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

**Campus**  
Prahran, Wantirna.

**Entry requirements**  
Satisfactory completion of an appropriate Victorian Year 12 or its equivalent, or mature age.

**Application procedure**  
VTAC (full-time Prahran) or direct to Swinburne for Wantirna or part-time.  
VTAC code: 78551 (Prahran)  
All students intending to study need to fill in a Swinburne application form, as well as attend an information night and an interview.

**Course overview**  
This course aims to provide students with the skills and knowledge required to be an effective worker in achieving significant social change.

**Career opportunities**  
Employment outcomes include community education worker, migrant resource and support work, or community work in a range of government and non-government agencies. Students also have the option to continue studies in an arts degree course at Swinburne.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Community and Further Education Department  
Tel: (03) 9214 6866 (Prahran)  
(03) 9210 1212 (Wantirna)  
Website: www.tafe.swin.edu.au/socsci

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### Disability Work

**Course title**  
Certificate IV in Community Services (Disability Work)

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

**Campus**  
Prahran, Wantirna.

**Entry requirements**  
There are no formal entry requirements. However, preference is given to people who have experience with people with disabilities. This may include personal experience or paid or unpaid employment.

**Application procedure**  
VTAC (full-time) or direct to Swinburne (part-time).  
VTAC code: 78061 (Prahran)  
71031 (Wantirna)  
All students intending to study need to fill in a Swinburne application form, as well as attend an information night and an interview.

**Course overview**  
This course is designed to provide training for people working with people with disabilities. This could include employment in residential, employment, training, recreation or advocacy settings.

**Career opportunities**  
The course is recognised as the current primary qualification in the disability field. Successful completion of the course may also allow Pathways to one of Swinburne’s diploma or degree programs.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Community and Further Education  
Tel: (03) 9214 6866 (Prahran)  
(03) 9210 1212 (Wantirna)  
Website: www.tafe.swin.edu.au/socsci
HEALTH AND HUMAN SERVICES – TAFE

JUSTICE

Course title
Diploma of Social Science (Justice)

Duration
Two years full-time.

Campus
Croydon, Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. Preference will be given to applicants who have experience in justice related fields.

Application procedure
VTAC (full-time) or direct to Swinburne (part-time).
VTAC code: 70671 (Croydon)
77671 (Hawthorn)

Course overview
The course covers areas which relate to community para-legal work and human service settings, including basic socio-cultural, political and legal structures, intellectual frameworks of the study of law and legal processes and law enforcement, a range of interpersonal strategies and tactics within legal, social, cultural, economic and political dimensions, and the role of para-legal work in political and legal policy and law enforcement processes.

Career opportunities
Employment at the paraprofessional level in public or private organisations within the justice industry.

Further information
Tel: 1300 368 777 (general enquiries)
Community and Further Education Department
Tel: (03) 9213 6682 (Croydon)
(03) 9214 6863 (Prahran)
Website: www.tafe.swin.edu.au/locsci

MENTAL HEALTH WORK

Course title
Diploma of Community Services
(Mental Health Work) – Non clinical

Duration
Two years full-time.

Campus
Prahran.

Entry requirements
The course is aimed at students with at least one year’s experience in the psychiatric disability support sector. The course also welcomes people with personal experience of psychiatric disability.

Application procedure
Direct to Swinburne.

Course overview
This course aims to equip participants with the knowledge, skills and values to work as a psychiatric disability worker.

Career opportunities
Employment can include working in residential, advocacy casework or community support roles. A Pathway is also available for entry into Swinburne’s Bachelor of Social Science (Human Services) or a range of other degree courses.

Further information
Tel: 1300 368 777 (general enquiries)
Community and Further Education Department
Tel: (03) 9214 6866
Website: www.tafe.swin.edu.au/locsci

NURSING

Course title
Certificate IV in Health (Nursing)
Certificate IV in Health Nursing (Post Basic Study)

Duration
One year full-time or equivalent part-time.
Post Basic Study: 78 hours for each module (40 hrs classroom, 38 hrs clinical experience)

Campus
Croydon, Prahran.

Entry requirements
Nursing: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Applications are invited from Aborigines and Torres Strait Islanders. Persons from non-English speaking backgrounds are also encouraged to apply.
Post Basic Study: applicants must be a Registered Nurse, Division 2.

Application procedure
Applicants should complete an application form (available from the department) and submit it by 12 October 2001.
Information evening followed by compulsory testing will be held at both campuses.
Post Basic Study: direct to Swinburne.

Course overview
Nursing: this course replaces the training previously referred to as State Enrolled Nursing. Following successful completion of the course, graduates are eligible to register with the Nurses Board of Victoria in Division 2 of the Nursing Register. Those seeking careers as Division 2 Nurses should enjoy working with people, particularly the elderly.
The Division 2 nurse assists clients/residents with a range of practical health care needs. The work of the second level nurse is physically demanding, often involving assisting clients/residents with mobility and comfort needs. The work is both emotionally challenging and rewarding. The Division 2 Nurse establishes and maintains social interaction and provides for the physical and emotional needs of culturally diverse clients experiencing a range of altered mental and physical states.
Post Basic Study: is designed for registered nurses wishing to gain further skills in acute nursing, psychiatric nursing, community health and substance abuse and other selected modules.

Career opportunities
Nursing: employment as Division 2 Nurses in nursing homes, hospitals, hostels, mental health, acute care and community settings. Successful completion of the certificate may also allow entry into a nursing degree with ‘credit’ and/or ‘advanced standing’.
Post Basic Study: improved employment opportunities in the health care industry.

Professional recognition
Registration with the Nurses Board of Victoria in Division 2 of the nurses register.

Further information
Tel: 1300 368 777 (general enquiries)
Human Services Department
Tel: (03) 9213 6682 (Croydon)
(03) 9214 6863 (Prahran)


OCCUPATIONAL HEALTH
AND SAFETY

Course title
Certificate IV in Occupational Health and Safety
Certificate III in Occupational Health and Safety

Duration
Certificate IV: two years part-time.
Certificate III: one year part-time.

Campus
Hawthorn.

Entry requirements
Mature age students with some work experience and a demonstrated interest in OHS.

Application procedure
Direct to Swinburne.

Course overview
Occupational Health and Safety 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.

Note: this course is due for reaccreditation in 2001. Final course details were not available at the time of printing.

Career opportunities
Occupational Health and Safety Officers are employed in a wide range of organisations, both public and private.

Certificate IV: higher level supervisors who may be assistant safety officers.
Certificate III: line supervisors, union representatives and safety committee members.

Further information
Tel: 1300 368 777 (general enquiries)
Industrial Sciences Department
Tel: (03) 9214 5371
Website: www.tafe.swin.edu/ahs/ind.htm

IT WAS SO DIFFERENT TO ANYTHING I HAD DONE BEFORE

CERTIFICATE IV IN HEALTH (NURSING)

With two teenage children and an elderly relative to care for Caterina Seymour had more than enough on her plate. Despite this, her interest in the healthcare industry was strong enough to draw her from her twenty-year job in retail to become a nurse.

Caterina had left school in Year 10 and started working on the cosmetic counter of a city centre department store. Twenty years later, having married and seen her two children grow into teenagers, Caterina was still working at the department store. But she knew she needed something more fulfilling.

“I always wanted to do nursing, but without qualifications and with a young family the opportunity seemed remote. Then when my long service leave came up and with my children being more independent I decided it was now or never.”

Once she started the course her initial apprehensions soon disappeared, she found “it was exciting, so different to anything I had done before, every subject seemed to bring up something new. While it was challenging, it was also a lot of fun.”

Her family is very supportive, “juggling family, work and study commitments has been hard but both my husband and my children have been great.”

Like many Swinburne courses the Certificate IV in Health includes practical work placements. For her placement Caterina spent a week with a district nurse in the bush.

“The coordinator was really flexible. I wanted to work with a district nurse in the country, near my sister’s property. It took some organising but it was a great experience.”

Caterina also had a clinical placement at a local residential nursing home, “I enjoyed the experience and they offered me a part-time job which was ideal. The depth of the interaction and the personal caring is so rewarding.”

Caterina saw the course as a vital stepping stone to the three-year nursing course she has started at university. Her Certificate IV not only got her on to the course it also gave her exemptions for some of the subjects.

Caterina doesn’t expect to finish studying, even when she finishes her current course. As she explains, “with nursing you can expand into other areas and you have to keep up to date, there are always new subjects and techniques to learn.”
**Outdoor Recreation**

**Course title**
Diploma of Outdoor Recreation

**Duration**
Two years full-time.

**Campus**
Croydon and External Venue.

**Entry requirements**
There are no formal entry requirements. However, applicants over 21 years of age are preferred and a background in outdoor recreation is highly recommended.

**Application procedure**
VTAC code: tba
Applicants should also contact the department to receive further information with regard to a supplementary application form, interview and/or direct application.

**Course overview**
This course is delivered in partnership with the outdoor Education Group (OEG) and is based at Eildon in North East Victoria. The course aims to develop technical and interpersonal skills, professional judgement and prudent safety skills. The course begins with the fundamentals and progresses to more complex challenges. Students have the option to exit after one year with a Certificate IV in Outdoor Recreation.

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

**Further information**
Tel: 1300 368 777 (general enquiries)
Department of Human Services
Tel: (03) 9213 6807 or 9214 6682

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**Patient Services**

**Course title**
Certificate III in Health (Patient Services)

**Duration**
Nominal duration (240 hours) comprising on-the-job and off-the-job components.

**Campus**
Prahran, Community Venue or Workplace.

**Entry requirements**
There are no formal entry requirements, however, experience in the health care industry is preferred.

**Application procedure**
Direct to Swinburne.

**Course overview**
The primary aim of this course is the multi-skilling of existing workers in the health industry. It combines the classification of cleaner, food services assistant, nursing attendant and orderly. Major studies include: Workplace Communication, Workplace Team Effectiveness, Health Care Environment, Occupational Health and Safety.

**Career opportunities**
Patient services assistants in the health care industry.

**Further information**
Tel: 1300 368 777 (general enquiries)
Department Human Services
Tel: (03) 9214 6863
Website: [www.tafe.swin.edu.au/socsci](http://www.tafe.swin.edu.au/socsci)

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**Sport and Recreation**

**Course title**
Diploma in Sport and Recreation
Diploma in Sports Development

**Duration**
Two years full-time.

**Campus**
Hawthorn.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. Preference will be given to applicants with relevant recreation experience.

**Application procedure**
VTAC and direct to Swinburne.
VTAC code: 77991 (Sport and Recreation)
77981 (Sports Development)
Applicants should contact the department by 30 September to express their interest in the course. They are also required to complete a ‘Profile Form’ and attend a course information evening, which will be held during November.

**Course overview**
The Sport and Recreation course aims to provide an accredited training program for people wishing to pursue a career in the management and administration areas of the sport and recreation industry.

The Sports Development course aims to provide an accredited training program for people wishing to pursue a career in sports development in the sporting industry.

**Career opportunities**
Employment in the recreation industry. Successful completion of the diploma may also allow Pathways to degree courses in Recreation, Business and Marketing, or Tourism and Human Movement studies.

**Further information**
Tel: 1300 368 777 (general enquiries)
Department of Human Services
Tel: (03) 9214 8919 or 9214 8370
<table>
<thead>
<tr>
<th>WELFARE STUDIES</th>
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<tbody>
<tr>
<td><strong>Course title</strong></td>
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<tr>
<td>Diploma of Community Services (Welfare Studies)</td>
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<tr>
<td><strong>Duration</strong></td>
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<td>Four years part-time.</td>
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<td><strong>Campus</strong></td>
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<tr>
<td>Croydon/Wantirna, Prahran.</td>
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<td><strong>Entry requirements</strong></td>
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<tr>
<td>There are no formal entry requirements. However, applicants are required to have one or more years paid or unpaid welfare related work experience. In addition, applicants are required to demonstrate a level of personal maturity and aptitude for the course.</td>
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<tr>
<td><strong>Application procedure</strong></td>
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<tr>
<td>Direct to Swinburne.</td>
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<tr>
<td><strong>Course overview</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>Career opportunities</strong></td>
</tr>
<tr>
<td>Social welfare workers. A Pathway may also be available for entry into Swinburne’s Bachelor of Social Science (Human Services).</td>
</tr>
<tr>
<td><strong>Further information</strong></td>
</tr>
<tr>
<td>Tel: 1300 368 777 (general enquiries) Community and Further Education Department Tel: (03) 9210 1212 (Croydon/Wantirna) (03) 9214 6866 (Prahran) Website: <a href="http://www.tafe.swin.edu.au/socsci">www.tafe.swin.edu.au/socsci</a></td>
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<tr>
<th>YOUTH WORK</th>
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<tbody>
<tr>
<td><strong>Course title</strong></td>
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<tr>
<td>Diploma of Community Services (Youth Work)</td>
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<tr>
<td>Certificate IV in Community Services (Youth Work)</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
</tr>
<tr>
<td>Diploma: two years full-time or equivalent part-time. Certificate IV: one year or equivalent part-time.</td>
</tr>
<tr>
<td><strong>Campus</strong></td>
</tr>
<tr>
<td>Prahran, Wantirna.</td>
</tr>
<tr>
<td><strong>Entry requirements</strong></td>
</tr>
<tr>
<td>Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. 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.</td>
</tr>
<tr>
<td><strong>Application procedure</strong></td>
</tr>
<tr>
<td>VTAC (full-time) or direct to Swinburne part-time. VTAC code: 78071 (Prahran) 71041 (Wantirna)</td>
</tr>
<tr>
<td><strong>Course overview</strong></td>
</tr>
<tr>
<td>Diploma: prepares graduates for casework and case management roles in the youth work and related sectors. Certificate IV: prepares graduates for direct care roles in residential care, juvenile justice and community support.</td>
</tr>
<tr>
<td><strong>Career opportunities</strong></td>
</tr>
<tr>
<td>Successful completion of the Diploma may also allow a Pathway to the Bachelor of Social Science (Human Services).</td>
</tr>
<tr>
<td><strong>Further information</strong></td>
</tr>
<tr>
<td>Tel: 1300 368 777 (general enquiries) Department of Children’s Services Tel: (03) 9214 6863 Website: <a href="http://www.tafe.swin.edu.au/socsci">www.tafe.swin.edu.au/socsci</a></td>
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<tr>
<th>LEADERSHIP TRAINING</th>
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<tr>
<td><strong>Course title</strong></td>
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<tr>
<td>Certificate in Parent Education Leadership Training</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
</tr>
<tr>
<td>Ninety hours part-time study, plus ten hours field experience.</td>
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<tr>
<td><strong>Campus</strong></td>
</tr>
<tr>
<td>Prahran.</td>
</tr>
<tr>
<td><strong>Entry requirements</strong></td>
</tr>
<tr>
<td>There are no formal entry requirements. However, applicants are required to show maturity and understanding in working with people.</td>
</tr>
<tr>
<td><strong>Course overview</strong></td>
</tr>
<tr>
<td>This course offers participants the necessary practical and theoretical training to lead parenting groups or provide services in parenting support and related areas.</td>
</tr>
<tr>
<td><strong>Further information</strong></td>
</tr>
<tr>
<td>Tel: 1300 368 777 (general enquiries) Community and Further Education Department Tel: (03) 9214 6866 (Prahran) (03) 9210 1212 (Wantirna) Website: <a href="http://www.tafe.swin.edu.au/socsci">www.tafe.swin.edu.au/socsci</a></td>
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TOURISM AND ENTERPRISE MANAGEMENT

Course title
Bachelor of Business (Tourism and Enterprise Management)

Duration
Three years full-time or part-time equivalent. An optional and additional year of Industry Based Learning (IBL), and an honours year is also available.

Campus
Lilydale.

Entry requirements
Successful completion of an appropriate Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 35031 (full-time)
35521 (part-time)
2001 ENTER: 63.60

Course overview
The core subjects provide the knowledge and basic skills required in the broad business environment, while the enterprise management stream extends and reinforces these foundations as they apply in the operation of small and medium sized organisations. The tourism stream provides a more industry-specific focus for the understandings provided in the business subjects, and uses an interdisciplinary approach which views tourism as a form of human behaviour as well as a business interest.

Major studies
Introduction to Tourism, Tourist Destination Management, Tourism Enterprise Development, Tourism Services, Tourism Channels and Travel Management, Tourism Services, Planning and Management in Ecotourism, Enterprise Management, Organisations and Management, Human Resource Management, Organisational Behaviour, Managing Diversity/Culture in the Workplace, Strategic Planning and Project Management, Managing Quality in Organisations

Career opportunities
Graduates of this course may find employment in the wide range of tourism enterprises (eg, attractions, transport and tour services), in other enterprises where tourists are involved (eg, museums and national parks), and in administrative or coordinating organisations such as regional tourism authorities.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: ldiinfo@swin.edu.au
Website: www.ld.swin.edu.au

TOURISM AND ENTERPRISE MANAGEMENT/HOSPITALITY MANAGEMENT

Course title
Bachelor of Business (Tourism and Enterprise Management)/Diploma of Hospitality Management

Duration
Four years full-time or equivalent part-time. Students may withdraw at various exit points with a Certificate IV in Hospitality Supervision or a Diploma of Hospitality Management.

Campus
Lilydale.

Entry requirements
Successful completion of an appropriate Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

This course is not available to students who have completed a Diploma of Hospitality Management.

Application procedure
VTAC code: 35051 (full-time)
2001 ENTER: 59.10

Course overview
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.

Major studies

Career opportunities
A range of tourism and tourism related fields from enterprise marketing to small/medium sized business management.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: ldiinfo@swin.edu.au
Website: www.ld.swin.edu.au
WE GET TAUGHT THE FULL RANGE OF JOBS

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

Having missed out during the first round offers, Vance Moran was convinced he was not going to get into the hospitality and business course he wanted. So he took a full-time job at an Irish pub. Vance was delighted to be disturbed, from his first week of serving Guinness, by a caller from Swinburne who made him a second round offer he couldn’t refuse.

The dual award course appealed to Vance because it combined the practical skills of a TAFE course with the more theoretical knowledge offered by a university degree.

He has now finished the TAFE section of the course that entitles him to a Diploma in Hospitality and has started two years of tourism and business studies that will ultimately lead to a degree.

Vance said that working in the purpose built restaurant and kitchen at Swinburne’s Lilydale campus was a good learning curve. The restaurant is open to the public to give hospitality students like Vance the chance to practise their skills with real customers.

“The first year was a lot of practical work. It was full on; we had to serve in the restaurant where you learn to do things correctly and build your confidence. It was good because you weren’t weighed down by too much theory.”

Like many hospitality students Vance works part-time in the industry to gain experience. He believes this will stand him in good stead when he qualifies and he’s looking for his first job. “The course and working in different roles has helped me build up contacts in the industry.”

Vance gets on well with his classmates. “Our class is pretty close. We try and fit in regular nights out. TAFE also organises weekends away for the whole course. The first semester we went to swim with the dolphins, which was awesome.”

Was the course the right choice for Vance? He thinks so. “The good thing is we get taught the full range of jobs within hospitality. I currently work in food and beverage but I could move into other areas. When I qualify I will have been trained in all the different skills I’ll need to become a manager, which I hope to be one day.”
Hospitality (TAFE) continued

Certificate II (Commercial Cookery): aims to provide participants with the skills and expertise which will enable them to work within the hospitality industry as Commercial Cooks (Grade 3).

Certificate II (Operations): designed to provide participants with an understanding of the hospitality industry and skills at entry levels. It includes competencies in key aspects of hospitality services with particular emphasis on food and beverage service.

Certificate I aims to develop the basic skills required to work as a kitchen attendant in a variety of hospitality operations.

Career opportunities
Diploma: employment in hospitality operations at a supervisory level or further study at the degree level.
Certificate III: employment as a cook and/or further study.
Certificate II (Commercial Cook): Grade 3 commercial cook.
Certificate II (Operations): employment in restaurants, cafes, and functions at an operational level or further study.
Certificate I: employment as a kitchen attendant and/or further study.

Further information
Tel: 1300 368 777 (general enquiries)
Hospitality and Tourism Department
Tel: (03) 9213 6726 (Croydon)
(03) 9839 2499 (Lilydale)
(03) 9214 6589 (Prahran)

Tourism

Course title
Diploma of Tourism (Operations Management)
Diploma of Tourism (Meetings and Events Management)
Certificate III in Tourism (Guiding)
Certificate II in Tourism (Guiding)

Duration
Diploma: two years full-time.
Certificate III: six months full-time.
Certificate II (Guiding): one year part-time (evening).

Campus
Diploma (Operations Management): Lilydale.
Diploma (Meetings and Events Management): Prahran.
Certificate III/I: Croydon, Lilydale.

Entry requirements
Diploma: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Certificate III: none.
Certificate II (Guiding): none.

Application procedure
VTAC (Diploma) or direct to Swinburne for mid-year intake, and certificate courses.
VTAC code: 70591 (Lilydale)
78651 (Prahran)

After applying to VTAC applicants MUST contact the Department to obtain a pre-selection form.

Course overview
Diploma (Operations Management): aims to develop a broad awareness and understanding into the tourism industry and provide participants with the knowledge and skills to manage and work within the operations sector.
Diploma (Meetings and Events Management): aims to develop a broad awareness and understanding into the tourism industry and provide participants with the knowledge and skills to manage and work within the meetings, conferences and event management sector.
Certificate III: covers general studies units of the tourism industry and subjects specifically designed towards guiding and tour operators.
Certificate II: covers general studies units of the tourism industry and subjects specifically designed towards guiding.

Career opportunities
Operations Management: operations or attractions manager, operations consultant, tour coordinator or specialist guide.
Meetings and Events Management: conference administrator, reception and registration, sales and marketing.
Certificate III: site guide, a ‘meet and greet’ guide or administration assistant for a tour company.
Certificate II: site guide or a ‘meet and greet’ guide.

Further information
Tel: 1300 368 777 (general enquiries)
Hospitality and Tourism Department
Tel: (03) 9213 6726 (Croydon)
(03) 9839 2499 (Lilydale)
(03) 9214 6589 (Prahran)
BUSINESS MARKETING

Course title
Bachelor of Multimedia (Business Marketing)

Duration
Three years full-time.
An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn and Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or equivalent.
2002 VCE prerequisites: Units 3 and 4 – English (any).

Application procedure
VTAC code: 34061
2001 ENTER: 89.10

Course overview
This program gives graduates the opportunity of participating in the exciting new field of electronic commerce. It would serve 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. 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.

Major studies
Design for multimedia, the Internet and the worldwide web, the marketing concept, quantitative analysis, market behaviour, learning and instructional design, marketing planning, electronic marketing, multimedia systems, business demography, business strategy.

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

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/multimedia

STUDENT PROFILE

IT WAS A VERY BROAD COURSE THAT GAVE ME A GOOD FOUNDATION

BACHELOR OF APPLIED SCIENCE (MULTIMEDIA TECHNOLOGY)

The first stop for many visitors and locals looking for business information and entertainment ideas within Melbourne is CitySearch www.citysearch.com.au – a website that provides people with everything they need to know to get around Melbourne and its surrounds.

The bright, chatty style of CitySearch disguises the complex technical and design skills required in constantly updating the site and making it work. And Stefan Vargheese, a graduate of Swinburne’s Multimedia program and an employee of CitySearch, thrives on the dynamic environment.

Stefan creates and maintains the templates on which the information is displayed, and prepares scripts (mini software programs) that convert text based information into an easy-to-read format.

“I like it because I get to do creative stuff, although I’m not a particularly creative person. The programming is very technical, but it is also creative and challenging, especially working with the scripts which require a lot of logical and analytical thinking.”

The winner of Swinburne University’s 1999 Hewlett Packard Award for the top graduate in the Bachelor of Applied Science (Multimedia Technology) was snapped up by CitySearch as soon as he completed his degree. He had first worked for CitySearch during his one-year Industry-Based Learning placement.

Stefan’s first graduate job was to check the visual integrity of the CitySearch site on a daily basis, and from there he moved into the more advanced technical job. Stefan’s long-term plans are to move into the developmental side of multimedia, creating browsers, applications and protocols.

In such a rapidly changing industry, Stefan found that he has learnt a lot on the job, but it would not have been possible without the solid grounding that he gained at Swinburne.

“It was a very broad course that gave me a good foundation. It covered both programming and design aspects and you could apply the theory and ideas that you learned to a range of topics. The course wasn’t too specific. Even with programming, it didn’t give you specific information about C Programming, it gave you information that you could apply to all programming.”

Stefan said that changes Swinburne has made to the course since he finished have made it even better, as students now can specialise in technical, business, design or communication aspects of multimedia.
**Interactive Multimedia**

**Course title**
Bachelor of Social Science (Interactive Multimedia)

**Duration**
Three years full-time or part-time equivalent. An optional and additional year of Industry-Based Learning (IBL) may also be available.

**Campus**
Lilydale.

**Entry requirements**
Successful completion of an appropriate Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

**Application procedure**
VTAC code: 35161 (full-time)
35081 (part-time)
2001 ENTER: 69.70

**Course overview**
This course combines computing and media studies subjects to address the practice and theory of producing interactive multimedia products both in terms of conceptualisation and content development and delivery. It emphasizes the importance of programming (through its computing subjects) as well as the effective development of content appropriate to client needs (through its Media/writing subjects). Students will develop a range of practical skills necessary for the development of multimedia materials, such as programming, scripting and project management, as well as critical and cultural theory and criteria for analysing, utilising and creating effective multimedia and online deliveries.

**Major studies**
Information systems fundamentals, an introduction to media, literature and film, interactive multimedia technologies development, human computer interaction, popular culture

**Career opportunities**
This degree will prepare graduates for careers in any industry which has a demand for the development of multimedia materials for uses ranging from training to promotion. Career opportunities include entry level interactive multimedia development, on line publishing for small businesses, and desktop publishing.

**Information sessions**
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

**Further information**
Tel: 1300 368 777 (general enquiries)
Lilydale Administration
Tel: (03) 9215 7000
Email: ldfinfo@swin.edu.au
Website: www.ld.swin.edu.au

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**Media Studies**

**Course title**
Bachelor of Multimedia (Media Studies)

**Duration**
Three years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.

**Campus**
Hawthorn and Prahran.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any).

**Application procedure**
VTAC code: 34081
2001 ENTER: 88.50

**Course overview**
This course develops an in-depth understanding of the broad range of creative design aspects of multimedia systems and combines this with the study of media and communications practices, influences and politics.

**Major studies**
Design principles for electronic media and multimedia, psychology of human learning, instructional design techniques applied to interactive multimedia, multimedia systems, textual analysis (TV, print, new media), political economy of media and telecommunications, publishing in new media and radio production.

**Career opportunities**
Graduates of this program are expected to be in high demand as the media industry progressively shifts its delivery to the newer multimedia platforms. Examples include: web authoring for the new wave of electronic publications and news broadcasts, computer authoring, and information architecture.

**Information sessions**
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

**Further information**
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/multimedia

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**Multimedia Design**

**Course title**
Bachelor of Design (Multimedia Design)

**Duration**
Three years full-time.
An honours year may also be available.

**Campus**
Prahran.

**Entry requirements**
Successful completion of an appropriate Victorian Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 25 in English (any).

Note: Applicants are advised to undertake art or any art-related study in Units 3 and 4 to assist in the development of a folio. It would also be an advantage to take two units from Mathematics, Physics, Computer Science, Technological Design and Development.

**Application procedure**
VTAC code: 36001
2001 ENTER: Individual offer

All applicants must participate in a pre-selection program and, if selected, attend an interview/folio presentation in December. For further details, refer to the VTAC Guide 2002.

**Course overview**
This course aims to produce graduates with a broad understanding of communication design, media studies and programming as applied to the world wide web and computer interactive mediums. Graduates will have highly developed and relevant skills in communication design for electronic mediums, typography, animation, 3D modelling, audio and video specialisation requirements as applied to electronic mediums.

**Major studies**
Multimedia design, three dimensional design, communication design, typographic design, image making, and media studies.

**Career opportunities**
Design consultancies, information technology companies, media and entertainment studios, advertising agencies and government instrumentalties.

**Professional recognition**
Membership of the Australian Graphic Design Association (AGDA), and the Multimedia Industry Network (mmIN), and associate membership of the Design Institute of Australia (DIA).

**Information sessions**
Sunday 27 August between 11.00am and 3.00pm. Attendance is recommended.

**Further information**
National School of Design
Tel: (03) 9214 6755
Email: lstandley@swin.edu.au
Website: www.swin.edu.au/design
MULTIMEDIA SOFTWARE DEVELOPMENT

Course title
Bachelor of Multimedia (Multimedia Software Development)

Duration
Three years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 34091
2001 ENTER: 85.55

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

Major studies
Design for multimedia, the internet and WWW, computer systems, software development, introduction to software engineering, learning and instructional design, 3D animation and special effects, computer authoring, data communications, multimedia systems.

Career opportunities
Graduates of this course will be well equipped to meet the predicted growth in industry demand for professionals in multimedia and web design. They will have extensive skills in software development using an object-oriented approach, Java programming, and multimedia design. They also will have developed experience in a broad range of creative and design aspects of multimedia and Internet technologies.

Professional recognition
Accredited at professional level towards membership of the Australian Computer Society.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Information Technology
Tel: (03) 9214 5565
Email: itinfo@swin.edu.au
Website: www.it.swin.edu.au

NETWORKS AND COMPUTING

Course title
Bachelor of Multimedia (Networks and Computing)

Duration
Three years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn and Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any) and Mathematical Methods.

Application procedure
VTAC code: 34111
2001 ENTER: 86.25

Course overview
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.

Major studies
Design for multimedia, the Internet and the WWW, engineering mathematics, software development, electronic systems, learning and instructional design, electronics, 3D animation and special effects, computer authoring, network administration, multimedia systems, telecommunications technologies, computer communications and LANs.

Career opportunities
Graduates may 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 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 LANs, intranets and other Internet access facilities.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/multimedia

NETWORKS AND COMPUTING / TELECOMMUNICATIONS AND INTERNET TECHNOLOGIES

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

Duration
Five years full-time. An optional and additional year of Industry-Based Learning (IBL) may also be available.

Campus
Hawthorn and Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – English (any) and Mathematical Methods.

Application procedure
VTAC code: 34151
2001 ENTER: 90.50

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

Major studies

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

Professional recognition
Membership of The Institution of Engineers, Australia.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/multimedia

Further information
School of Biophysical Sciences and Electrical Engineering
Tel: (03) 9214 8859
Email: bsee@swin.edu.au
Website: www.swin.edu.au/bioscieleceng/multimedia
See Also

Bachelor of Arts (Media and Communications)
Refer Social Science and Arts

Bachelor of Applied Science
Refer Applied and Industrial Sciences

Bachelor of Social Science
Refer Social Science and Arts

Bachelor of Engineering (Telecommunications and Internet Technologies)
Refer Engineering and Technology

Bachelor of Engineering (Telecommunications and Internet Technologies)/Bachelor of Applied Science (Computer Science and Software Engineering)
Refer Engineering and Technology
Interactive Multimedia

Course title
Advanced Diploma of Arts (Electronic Design and Interactive Media)
Certificate II in Arts (Interactive Multimedia)

Duration
Advanced Diploma: two years full-time.
Certificate II:

Campus
Advanced Diploma: Prahran, Wantirna.
Certificate II: Lilydale, Wantirna.

Entry requirements
Advanced Diploma: successful completion of at least the first year or an approved art, design or media course at a post-VCE or equivalent Year 12 level. All applicants are required to present a folio of work at interview. Mature age applicants with some industry experience are also eligible to apply.
Certificate II: there are no formal entry requirements.

Application procedure
Advanced Diploma: VTAC and direct to Swinburne (both are required).
VTAC code: 78981 (Prahran)
71091 (Wantirna)
Certificate II: direct to Swinburne.

Course overview
Advanced Diploma: focuses on the use of electronic imaging, computer graphics and interactive multimedia for the communication of visual, graphic and design concepts. It provides specialist training in computer generated art and design, in an integrated program of electronic design, electronic publishing, digital imaging, video art, interactive multimedia, animation, 3D modelling and electronic art.
Certificate II: gives a basic foundation in design and the related use of interactive multimedia studies. It has studies in the major interactive multimedia software application to allow entry level skills into the media industry and to further training courses.

Career opportunities
Advanced Diploma: employment may be found in the areas of graphic design, multimedia design, Web design, new media arts, art direction, film & video, post production, 3D modelling, visual art studio practice, desktop publishing.
Successful completion of the course may also allow Pathways to the Bachelor of Design (Multimedia Design) at the National School of Design.
Certificate II: entry level positions in the media industry or further study.

Further information
Tel: 1300 368 777 (general enquiries)
Department of Arts
Tel: (03) 9214 6739 (Prahran)
(03) 9210 1116 (Wantirna)

Multimedia

Course title
Diploma of Multimedia
Certificate IV in Multimedia
Certificate II in Interactive Multimedia (Computing)

Duration
Diploma: two years full-time.
Certificate IV: one year full-time.
Certificate II: eighteen weeks full-time or equivalent part-time.

Campus
Certificate II: Wantirna, Hawthorn part-time only.

Entry requirements
Diploma/Certificate IV: successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age.
Certificate II: Year 11 or its equivalent, or mature age.

Application procedure
VTAC (Diploma/Certificate IV full-time) direct to Swinburne for part-time and Certificate II.
VTAC code: 70001 (Lilydale)
71001 (Wantirna)
77081 (Hawthorn)

Course overview
Diploma: students study all the subjects of the Certificate IV and undertake extensive studies in multimedia programming, modelling and animation, electronic commerce and complete a major practical project.
Certificate IV: provides an introduction to multimedia programming, multimedia technologies, Web publishing and communication, and design and development skills and techniques. Topics include digital imaging, multimedia programming, internet applications, web publishing, multimedia systems. It also covers introductory business skills.
Certificate II: covers a broad range of basic media-related tasks, and provides a foundation from which to enter the multimedia industry or proceed to further study.

Career opportunities
Diploma: employment within multimedia design consultancies, information technology companies, the media, entertainment studios, advertising agencies, government instrumentalities and in e-commerce.
Certificate IV: employment as a multimedia developer for multimedia companies, advertising agencies, retailers and government instrumentalities.
Certificate II: employment as a trainee in the multimedia industry.

Further information
Tel: 1300 368 777 (general enquiries)
Computing and Information Technology Department
Tel: (03) 9210 1228 (Lilydale/Wantirna)
(03) 9214 8875 (Hawthorn)
Email: tafeeng@swin.edu.au
Website: www.tafe.swin.edu.au/eng
SOCIAL SCIENCE AND ARTS – DEGREES

BACHELOR OF ARTS

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

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or equivalent.
2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 34321 (full-time)
34401 (part-time)
2001 ENTER: 67.20

Course overview
The Bachelor of Arts is designed to foster individual student development, to develop skills and encourage 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 to express themselves effectively both orally and in writing.

Arts students can study from the following:
Asian Languages and Cultures (Japanese)
Asian Studies
Australian Studies
Cultural Studies
European Studies
Italian
Literature
Media Studies
Philosophy and Cultural Inquiry

Arts students may also undertake studies from a wide range of Business and Social Science Subjects (see lists on pages 21 and 65).

They are required to undertake two majors one of which must be from the Arts list (see individual entries for further details on each of these).

Honours
Outstanding Bachelor of Arts students have the option of undertaking a specialised additional year of study, graduating with a Bachelor of Arts (Honours) degree. Honours provides students with an opportunity to enhance their research ability and permits further studies and specialisation in their major discipline. The Honours year is offered in the areas of Languages, Psychology, Social Sciences and Industry and Community Studies.

Career opportunities
Administration, human resources, publishing, public relations, interpreting, journalism. With further studies, students with appropriate majors can gain qualifications to become, for example psychologists, librarians, sociologists or teachers.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Social and Behavioural Sciences
Tel: (03) 9214 5209
Email: sbsadmin@swin.edu.au
Website: www.swin.edu.au/sbs

Arts Specialisations
Students studying degrees or double degrees in Arts, Business, Information Systems, Engineering or Social Science have the option of undertaking subjects from these study areas.

An honours year is also available.

Asian Languages and Culture (Japanese)
No prior knowledge of the Japanese language is assumed. Students who have passed VCE Japanese are admitted to an advanced program. Students who are native speakers of Japanese are ineligible to enrol in this language.

Japan is arguably Australia’s most important trading partner and plays a major role in Australia’s economy. The Japanese program trains students to communicate effectively in Japanese as well as providing opportunities to study contemporary Japanese culture, society and economy.

The Japanese program is held in high esteem both in Australia and Japan as evidenced by the number of Swinburne students who are awarded Japanese language prizes and study scholarships provided by the Japanese Government.

Subjects include
Japanese (a three year sequence of language study – both beginner and advanced level streams are offered) plus two Japanese studies subjects: Introduction to Japan – A Cultural Overview and Communication in Japanese.

Work Experience in Japan is also available (only available to Bachelor of Business/Bachelor of Arts (Japanese) students).

Career opportunities
Teaching, events organisation, tourism (within Australia and Japan), the business sector.

Asian Studies
Asian Studies provides a knowledge of the diverse traditions, political forces, and social and economic dynamics that have forged our neighbouring region. With the growing emphasis on internationalisation and cooperation with our northern neighbours, it is worth considering inclusion of at least some of the Asian Studies subjects in a program. Students of an Asian language should certainly complement their study with a number of these subjects.

The focus of Asian Studies is on contemporary Asia.

Subjects include
International politics, introduction to Japan, modern Japan, emergence of Modern Asia, Australia and Asia, communication in Japanese, development and democratisation in South East Asia, Asian business law, Asian Pacific business practice.

Career opportunities
Students envisaging a career in the media, government, commerce and industry would benefit from Asian Studies.

Australian Studies
Australian Studies is an interdisciplinary program that examines Australian cultures from several perspectives. It looks at the political, economic and social history of twentieth century Australia, moving from there to specific studies within particular disciplines such as Literature, Media Studies, Philosophy and Cultural Inquiry, Politics and Sociology. Australian Studies encourages students to identify connections between political and social institutions, cultural practices and economic structures, to analyse how they are changing and the effects of those changes.

Subjects include
Australian politics, modern Australia, popular culture, Australia and Asia, practical ethics, cinema studies, public policy in Australia, Australian writing and cultural change, work in Australia, sociology and social policy.

Career opportunities
Teaching, private and public sectors, human services.

Cultural Studies
Cultural Studies is an interdisciplinary major providing students with the theoretical understanding, the skills of critical analysis, and the diversity of disciplinary approaches appropriate to the study of culture.

Subjects include
Introduction to Japan, Models of Sociological Analysis, Post-War Italy, History of Ideas, Texts and Contexts, Philosophy of Culture, Twentieth Century European Literature and Thought, Social Philosophy, Politics and Ethics, Reading, Writing and Criticism, Popular Culture, Sex and Gender in Society, Social Psychology, Approaches to Culture, Rationality, Environmental Philosophy, Cross Cultural Perspectives, Renaissance Literary Culture, Cinema Studies, Sociology of Organisations.

Career opportunities
Teaching, civil service, journalism, media, diplomatic corps.
European Studies

Students develop an understanding of the events which are shaping contemporary Europe by studying subjects chosen from Literature, Language and Culture, Politics, Philosophy, Sociology and Business. These examine the economies, politics, societies and business cultures of the European region.

European Studies offers two (elective) subjects which are taken in Europe. These comprise a 3-4 week European Union Study Tour and Work Experience Learning in Europe, which involves three months stay in a European country of choice.

European Studies is also an option for TAFE students who have completed an Associate Diploma in International Trade.

Subjects include
International politics, post-war Italy, European Union, Europe, philosophy of culture, European Union study tour, international business in the Italian context, renaissance literary culture, work experience in Europe, migration and ethnicity, European business studies, European Union – business context, approaches to culture.

Career opportunities
Particularly relevant for students wishing to pursue a career in the international business environment.

Italian

No prior knowledge of the Italian language is assumed. Students who have passed VCE Italian can be admitted to an advanced program.

The Italian major enables students to communicate with Italians, on both linguistic and socio-cultural levels. The study has a practical orientation, strongly emphasizing language acquisition and competence as a medium towards gaining an understanding of Italy as a modern, economically and technologically advanced nation and an appreciation of modern Italian culture. It addresses a number of aspects of Italian language, culture, geography, history, literature, economics, politics and sociology.

Italian offers two (elective) subjects taken in Europe which can further enhance a student’s language skills. These comprise a 3-4 week European Union Study Tour, and Work Experience in Europe, which involves three months stay in a European country of choice.

Subjects include
Italian (a three year sequence of language study – both beginner and advanced level streams are offered), Post-War Italy, Twentieth Century European Literature and Thought, European Union, Contemporary Italy, Work Experience, Study Tour to the European Union, International Business in the Italian Context, International Business – European Context.

Career opportunities
Language studies are taken as an additional skill to another major area of study. This major is ideal for people working in areas related to Europe or Italy, or with Italians both in Australia or overseas, and is especially useful in fields such as business, design, engineering, aviation or information technology.

Literature
One of the most fascinating challenges facing Literary Studies today is the shift from a culture based on and formed by the book, to a ‘wired’ society increasingly dominated by electronic media, where an encyclopaedia can be stored on a compact disk. Far from being obsolete in this new information age, the study of literary culture is central to an understanding of the transition from the page to the screen. Literature is also a good complement to studies in Media Studies.

Subjects include
Writing fiction, texts and contexts, Australian writing and cultural change, reading, writing and criticism, renaissance literary culture, electronic writing, literature project.

Career opportunities
Journalism, advertising copywriting, hypertext writing, teaching, web writing.

Media Studies

Media Studies offers a uniquely broad-based education in the media and associated industries and is taught by people with extensive workplace experience in publishing, print media and radio. Media Studies 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 workplace experience.

Subjects include
Texts and contexts, the media in Australia, popular culture, new media: the telecommunications revolution, media voices, media style, cinema studies, radio production and criticism, electronic writing, professional attachment program (work experience), information society: a global perspective, media project.

Students can also undertake major studies in media studies through the Swinburne Bachelor of Arts (Media and Communications) (different VTAC code – see separate entry in this publication).

Career opportunities
Journalism, radio production, public relations, communications research.

Philosophy and Cultural Inquiry

The subjects offered by Philosophy and Cultural Inquiry are designed to provide a well-grounded understanding of the major conceptual influences which have shaped our contemporary world view, and in this way, to enhance our prospects of responding insightfully and effectively to the problems of living which confront us today. To advance this goal, we draw on influential currents in philosophical thought, the history of ideas, social and behavioural research, political theory, and the history and philosophy of science. In the process of opening up our understanding of the world we live in, we introduce students to the techniques of philosophical inquiry in a way which promotes a variety of useful reasoning skills, including conceptual analysis, argument construction and evaluation, critical and creative thinking.

Subjects include
Introduction to philosophy, critical thinking, history of ideas, philosophical psychology, philosophy of culture, social and political philosophy, rationality, practical ethics, approaches to culture, and environmental philosophy.

Career opportunities
The ability to solve problems, to communicate clearly, to organise ideas effectively, to analyse complex material, and to evaluate arguments – are skills which are highly valued by employers. Consequently, the skills fostered by philosophical inquiry help equip students for a variety of responsible positions in the workforce.

Information sessions
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

Further information
School of Social and Behavioural Sciences
Tel: (03) 9214 5209
Email: sbsadmin@swin.edu.au
Website: www.swin.edu.au/sbs
# Social Science and Arts – Degrees

## Media and Communications

**Course title**  
Bachelor of Arts (Media and Communications)

**Duration**  
Three years full-time or equivalent part-time. An honours year is also available.

**Campus**  
Hawthorn.

**Entry requirements**  
Successful completion of an appropriate Victorian Year 12 or equivalent.  
2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

**Application procedure**  
VTAC code: 34071 (full-time) 34281 (part-time)  
2001 ENTER: 92.75

**Course overview**  
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.

**Major studies**  

In addition to the study of media and communications, students choose another major and subjects from a wide range available within the Bachelor of Arts, Bachelor of Social Science or Bachelor of Business.

**Career opportunities**  
Journalism, radio production, public relations, communications research.

**Information sessions**  
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

**Further information**  
School of Social and Behavioural Sciences  
Tel: (03) 9214 5209  
Email: sbsadmin@swin.edu.au  
Website: www.swin.edu.au/sbs

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## Social Science (Lilydale)

**Course title**  
Bachelor of Social Science

**Duration**  
Three years full-time or equivalent part-time. An optional and additional year of Industry-Based Learning (IBL) and an honours year may also be available.

**Campus**  
Lilydale.

**Entry requirements**  
Successful completion of an appropriate Year 12 or equivalent.  
2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

**Application procedure**  
VTAC code: 35201 (full-time) 35151 (part-time)  
2001 ENTER: 57.70

**Course overview**  
The Bachelor of Social Science provides students with skills and abilities pertinent to a variety of professional careers in the public and private sectors of employment. Students are encouraged to develop a theoretical insight of their chosen disciplines to enable them to understand not only current developments in society and the workplace, but also to adapt and respond accordingly to future developments as they occur. In addition, the course is designed to enhance a number of generic skills highly valued by employers and important for the development of the individual such as self-awareness, presentation and communication skills and skills for the maintenance of learning and knowledge.

Bachelor of Social Science students are required to undertake a major study sequence in at least one of Media Studies and eCulture, Psychology or Sociology.

**Social Science Specialisations**  
*Media Studies and eCulture*  
Media Studies incorporates a wide range of academic and production subjects in three overlapping groups: textual analysis, which is concerned with the ways in which we make sense of eMedia, film and ‘Media’ materials; study of the eCulture through political economy of media and telecommunications, dealing with issues such as ownership and control of the media and the cultural impact of new technologies; and hands-on subjects emphasising cyberscreen studies, publishing, radio production and workplace experience.

**Subjects include**  
Texts and Contexts, eCulture, Writing for the Media, New Media, Electronic Writing, Information Society, Cyberscreen Studies.

**Career opportunities**  
Media studies graduates may seek employment in the areas of journalism, media production, public relations, communications research, and administration.

**Psychology**  
Psychology provides a scientific basis for understanding ourselves and other people. It addresses many topics ranging from brain processes to dreams and consciousness, and from child development to counselling skills. The psychology major provides knowledge about many aspects of interpersonal relationships and human behaviour. Students are provided with a broad introduction to psychology plus skills and knowledge relevant to applied fields.

**Subjects include**  

**Career opportunities**  
Psychology graduates may seek employment in the areas of human resources, social work, marketing, advertising, administration and research. Graduates can also do further study in areas of professional psychology such as clinical, counselling, organisational, developmental, health and sports psychology.

**Professional recognition**  
The Australian Psychological Society (APS).

## Sociology

Sociology studies how individuals interact as groups, ranging from families to whole societies. It provides different understandings of the way individuals, groups and societies work. It also offers different ways of finding out about the social world, ranging from participant observation through to computerised data techniques.

**Subjects include**  
Introduction to Sociology, Difference, Deviance and Conformity, Sociological Perspectives, Ethnicity, Culture and Diversity Management, Organisations and Society, Methodology of Social Research, Sociology and Social Policy.

**Career opportunities**  
Sociology graduates may seek employment in the areas of social research, administration, planning, community development, human resources, policy development, and marketing.

**Professional recognition**  
The Australian Sociological Association.

**Information sessions**  
Sunday 26 August between 11.00am. and 3.00pm. Attendance is recommended.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Lilydale Administration  
Tel: (03) 9215 7000  
Email: lidinfo@swin.edu.au  
Website: www.lid.swin.edu.au
**Social Science/Business**

**Course title**
Bachelor of Social Science/Bachelor of Business

**Duration**
Four years full-time or part-time equivalent.
*An optional and additional year of Industry-Based Learning (IBL) may also be available.*

**Campus**
Lilydale.

**Entry requirements**
Successful completion of an appropriate Year 12 or equivalent.
2002 VCE prerequisites: Units 3 and 4 – with a study score of at least 20 in English (any).

**Application procedure**
Through VTAC or direct to Swinburne for mid-year intake.
VTAC code: 35141 (full-time)
35231 (part-time)
2001 ENTER: 80.65

**Course overview**
The 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.

For further information, refer to the individual degree entries in this Course Guide.

**Major studies**
Accounting, Marketing, Economics, Human Resource Management, Management, eCulture and Media Studies, Psychology or Sociology.

**Information sessions**
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

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**Proving an Arts degree can take you to the top**

**Bachelor of Arts (Media and Communication)**

Multimedia company director Connie Pandos detests it when people degrade an Arts degree.

“The old saying goes that an Arts graduate is a jack of all trades but master of none. Building a multimedia company today means you need to be totally multi-disciplined from visual and creative skills to moving images, text, advertising, customer relationship management, project management, business strategy, copywriting, marketing and technical expertise. I got that broad exposure at Swinburne through a variety of subjects which gave me a very practical and academic skill set which is exactly what this profession requires.”

Connie completed her Bachelor of Arts (Media and Communication) in 1992 and then undertook postgraduate subjects in electronic media in 1994.

Connie transferred to Swinburne after completing 18 months of an Arts degree at Melbourne and Monash universities. “I found those institutions too academic and I wanted a lot more practical knowledge and flexibility in terms of my contact hours as I worked part-time throughout my tertiary education. Swinburne had a very good balance of subjects on offer to full-time and part-time students with day or evening lecture series. I found Swinburne very flexible and they were also prepared to recognise my credits from the other universities.”

By 1995 Connie and her business partner Campbell Dobbin had formulated a plan to start their own business, a multimedia web agency that looked after all a client’s Internet requirements from strategy and concept development to design, build, integration and finally, statistical reporting and analysis. Since its inception, the ADWEB Agency has become a key architect of Australia’s Internet economy.

If Connie had any advice for prospective Swinburne students it would be “Value your teachers. Make use of them as mentors and chat about your hopes, dreams and worries. They are industry professionals not just academics shut away in ivory towers, they’ve got their finger on the pulse of this industry so remember that and go to them for help, advice, suggestions and encouragement.”

She also believes in the value of participation. “Get involved! You’ve got no idea how much practical experience you can gain from getting involved in the Swinburne radio station, volunteering for the newspaper or helping with the production of course guides like this! All this work adds to your CV and demonstrates to an employer that you have not only studied these things, but you can also apply your skills, and have already been doing so.”
DUAL QUALIFICATION

ARTS/ADMINISTRATION

Course title
Bachelor of Arts/Diploma of Business (Administration)

Duration
Four years full-time.
An honours degree is also available.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Year 12 or equivalent.

2002 VCE prerequisites: Units 3 and 4 – a study score of at least 20 in English (any).

Application procedure
VTAC code: 34571
2001 ENTER: 80.55

Course overview
This dual qualification allows students to specialise in the area of Media Studies as well as gain skills in administration. Media Studies is a vital ingredient for a career in journalism or radio production, public relations or communications research. Students choose from a range of specialist Media Studies subjects including: Texts and Contexts, The Media in Australia, Popular Culture, New Media: The Telecommunications Revolution, Media Voices, Media Style: The Process of Journalism, Cultural Representation in Australia, Cinema Studies, Radio Production and Criticism, Electronic Writing, Professional Attachment Program (Work Experience), Information Society: A Global Perspective, Media Project.

Students must undertake two majors one of which must be Media Studies. Students may choose any Arts, Social Science or Business major as their second major.

Administration involves the use of skills ranging from keyboard and interpersonal skills, to desktop publishing, accounting, organisational procedures, and management principles and practices.

Career opportunities
Administration, personnel, publishing, public relations, media and research.

Information sessions
Sunday 26 August between 11.00am and 3.00pm. Attendance is recommended.

Further information
School of Social and Behavioural Sciences
Tel: (03) 9214 5209
Email: sbsadmin@swin.edu.au
Website: www.swin.edu.au/sbs

SEE ALSO

Bachelor of Arts (Psychology/Psychophysiology) Refer Health and Human Services
Bachelor of Engineering/Bachelor of Arts Refer Engineering and Technology
Bachelor of Multimedia (Media Studies) Refer Multimedia
Bachelor of Social Science (at Hawthorn campus) Refer Health and Human Services
Bachelor of Social Science (Psychology) Refer Health and Human Services
Bachelor of Social Science/Diploma of Community Services (Welfare Studies) Refer Health and Human Services
COMMUNICATION

Course title
Diploma in Social Science (Communication)
Certificate IV in Social Science (Communication)

Duration
Diploma: three semesters full-time.
Certificate: one semester full-time.

Campus
Hawthorn.

Entry requirements
Successful completion of an appropriate Victorian Year 12, or its equivalent, or mature age. Entry is based on consideration of educational qualifications, relevant work experience and a folio presented on application. An interview may also be necessary.

Application procedure
VTAC and direct to Swinburne.
VTAC code: 77001

Course overview
The course offers students of all ages the opportunity to enter the world of communication media, writing publishing and multimedia. It provides a comprehensive introduction to communication and media in its many forms.

Career opportunities
The course offers occupational outcomes involving responsibilities for planning, supervision, analysis and problem solving as well as higher skills in production and marketing of freelance fiction, scriptwriting, non-fiction, design, media and multimedia production.

Successful completion of the course also allows a Pathway into Swinburne’s Bachelor of Arts.

Further information
Tel: 1300 368 777 (general enquiries)
Community and Further Education Department
Tel: (03) 9214 8370

LIBERAL ARTS

Course title
Diploma in Liberal Arts

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

Campus
Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12, or its equivalent, or mature age.

Application procedure
VTAC (full-time), direct to Swinburne (part-time).
VTAC code: 78001

Course overview
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.

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

Further information
Tel: 1300 368 777 (general enquiries)
Community and Further Education Department
Tel: (03) 9214 6866

TERNARY PREPARATION

Course title
Certificate IV in Humanities and Social Science (Tertiary Preparation)

Duration
One semester full-time, one year part-time.

Campus
Hawthorn, Wantirna.

Entry requirements
There are no formal entry requirements. In particular the course is geared to cater for mature persons who do not have a Year 12 or equivalent.

Application procedure
Direct to Swinburne.

Course overview
This course is a special bridging program for a small group of students that has the specific aim of preparing them for subsequent entry into a Bachelor of Arts or Bachelor of Business degree program. The choice of subjects also allows students to gain substantial credits into the Diplomas in Social Science (Communication), Justice and Liberal Arts.

Career opportunities
Enables students to apply for entry into an arts or business degree program offered by universities.

Further information
Tel: 1300 368 777 (general enquiries)
Community and Further Education Department
Tel: (03) 9214 8370
**Writing and Editing**

**Course title**
Diploma of Arts (Professional Writing and Editing)

**Duration**
Two years full-time.

**Campus**
Croydon or Distance Learning.

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

**Application procedure**
VTAC code: 70651

Applicants must complete a Supplementary Application form and attach a sample of their writing. Some applicants may be required to attend an interview.

**Course overview**
This course provides a structured and disciplined environment for would-be writers, interaction with like-minded students and an understanding of the opportunities for publishing work, having it performed or working within the writing industry.

**Career opportunities**
Employment may found in a number of areas including publishing, editing, and journalism.

Successful completion of the Diploma may also allow articulation into the Bachelor of Arts (Communication) at Monash University.

**Further information**
Tel: 1300 368 777 (general enquiries)
Distance Learning: 1800 633 560
Arts Department: (03) 9210 1116
VISUAL AND PERFORMING ARTS — TAFE

Website: www.swin.edu.au

COSTUME

Course title
Diploma of Entertainment (Costume)
Certificate IV in Entertainment (Costume)

Duration
Diploma: two years full-time.
Certificate: one year full-time.

Campus
Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age with relevant industry experience. All applicants must attend an interview/folio presentation.

Application procedure
VTAC and direct to Swinburne (both are required).
VTAC code: 78041 (Diploma)
78031 (Certificate)

Course overview
The purpose of this course is to provide training for individuals who wish to pursue or enhance their careers as theatre technicians in the area of costume making in related areas. The course combines theory and practical studies, industry stimulation, and industrial placement, to enhance students overall knowledge, experience and networks.

Career opportunities
Career opportunities are broad based within the theatre, TV and film industries and extend to costume hire outlets, costume fashion promotions, festivals, visual displays and creative novelty wear. Successful completion of this course may also allow pathways to further study in design, production and theatre/stage management.

Further information
Tel: 1300 368 777 (general enquiries)
Department of Arts
Tel: (03) 9214 6739

FILM / VIDEO

Course title
Diploma of Arts (Visual Arts) – New Media

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

Campus
Prahran.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All applicants must attend an interview and present a VHS showreel no longer than five minutes duration. A folio of five works in either painting, photography, sculpture, drawing or computer works with relevant research material is also required. Computer works should be Macintosh compatible.

Application procedure
VTAC (full-time) and direct to Swinburne.
VTAC code: 78151

Course overview
This is a progressive contemporary art program run by artists for artists. Video, 16mm film, sound and 3D digital imaging subjects are studied with life drawing, painting, photography, printmaking and sculpture. Theory study areas feature conceptual and stylistic strategies of art practices since the 1960's and includes gallery visits in Melbourne and Sydney. The emphasis of this course is on project-based practice.

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

Further information
Tel: 1300 368 777 (general enquiries)
Department of Arts
Tel: (03) 9214 6739
**MAKE-UP**

**Course title**  
Certificate IV in Entertainment (Make-Up)

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

**Campus**  
Prahran.

**Entry requirements**  
Successful completion of an appropriate Victorian Year 12 or its equivalent. Mature age and those already working in the industry are also invited to apply. All applicants must attend an interview.

**Application procedure**  
VTAC and direct to Swinburne (full-time).  
Direct to Swinburne (part-time)

**Course overview**  
This course aims to provide participants with the skills, knowledge and attitudes necessary to work specifically as a make-up artist in the film, video, television, theatre, photographic and fashion industries.

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

**Professional recognition**  
This course is delivered from the Entertainment Industry Training Package and is a nationally recognised qualification.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Department of Arts  
Tel: (03) 9214 6739

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**THEATRE**

**Course title**  
Diploma of Arts (Small Companies and Community Theatre)  
Diploma of Arts (Small Companies and Community Theatre) – Indigenous Performing Arts stream

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

**Campus**  
Prahran.

**Entry requirements**  
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.  
Indigenous stream: is only available to Aboriginal and Torres Strait Islander people. Applicants may be asked to participate in a day of special workshops, or an interview. Telephone interviews may be possible for country and interstate applicants.

**Application procedure**  
VTAC and direct to Swinburne.  
VTAC code: 78871

**Course overview**  
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 stimulate industry practice by conceiving, developing, planning, activating, rehearsing and staging an event or performance.  
The Indigenous Performing Arts stream aims to facilitate the provision of Indigenous guest speakers with a wide range of industry experience. It also offers students the opportunity to attend a wide range of professional theatre. Support tutors are available should students require additional support with any module.

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

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Department of Arts  
Tel: (03) 9214 6739

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**VISUAL ARTS**

**Course title**  
Diploma of Arts (Visual Arts)

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

**Campus**  
Prahran, Wantirna, Healesville (part-time only).

**Entry requirements**  
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age. All students must attend an interview/folio presentation.

**Application procedure**  
VTAC and direct to Swinburne for full-time. Direct to Swinburne for part-time.  
VTAC code: 78151 (Prahran)  
71151 (Wantirna)

**Course overview**  
This is a progressive contemporary fine art program run by artists for artists. Painting, sculpture, drawing, photography and printmaking are studied. Video and digital imaging subjects are also available at the Prahran campus. Theory study areas feature conceptual and stylistic strategies of art practices since the 1960’s and includes gallery visits in Melbourne and Sydney.

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

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Department of Arts  
Tel: (03) 9214 6739
VISUAL MERCHANDISING

Course title
Certificate IV in Arts (Visual Merchandising)

Duration
Two years part-time.

Campus
Wantirna.

Entry requirements
Successful completion of an appropriate Victorian Year 12 or its equivalent, or mature age with some art or design 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 procedure
Direct to Swinburne.

Course overview
This course will provide students with a broad knowledge of the visual merchandising industry and enable them to operate at a level equivalent to the Australian Standards Level 4 learning outcomes. On completion of this course, students should 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.

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

FURTHER INFORMATION
Tel: 1300 368 777 (general enquiries)
Department of Arts
Tel: (03) 9210 1116

I’LL ENJOY THE MEMORIES I TAKE AWAY FROM SWINBURNE

LOUIS MILUTINOVIC

DIPLOMA OF ARTS (SMALL COMPANIES AND COMMUNITY THEATRE)

Louis Milutinovic had been a professional actor in Yugoslavia for ten years when he applied to join Swinburne’s Diploma of Arts course. It was an unusual step to study over fifteen thousand kilometres from his home, but Louis was keen to improve his English.

“I wanted to continue my education in an English speaking country. I visited Australia three years before starting my course, to get information about theatre courses. Swinburne took me seriously. They gave me full information and I got to talk with the lecturers before I applied.”

Louis wanted to build on his acting skills and learn about other aspects of work in the theatre. He enjoyed the exposure the course gave him to the many facets of theatre life.

“In the first few months you get to try everything, script writing, production, stage design, lighting - it helps you decide what area you want to specialise in.”

Louis talked highly of his teachers. “They were people who know what they are doing and give you the freedom to explore your creativity. They are not just academics, they had worked in the industry. Their strong industry connections meant they persuaded some top people to give us guest lectures.”

During his first semester Louis had to write a short script for a stage play which was performed by his fellow students. The play he wrote, called Fathers, is anti-war and explores the relationship between a father and son who meet on the battlefield in Yugoslavia.

His teachers were impressed with the play and encouraged him to try and get it performed to a larger audience. It took persistence and nearly two years of work but with support from his lecturers, the prestigious La Mama Theatre in Carlton agreed to run the play.

Louis directed the play, which was critically acclaimed. It was so successful La Mama had to put up the full-house sign and turn disappointed theatre-goers away. News of success spreads quickly in the theatre world and Louis has already been contacted by a playhouse in London who want to discuss producing the play.

Now he has finished the course Louis wants to continue scriptwriting and directing. He’s not sure where he’ll end up. Maybe he’ll stay in Melbourne, go back to Yugoslavia or even head for London.

Louis is philosophical about his future. “What ever happens I’ll enjoy the memories I take away from Swinburne.”
**Community Options**

**Course title**  
Community Options Program

**Duration**  
Students may attend part-time or full-time, can enter at any time of the year and can complete the course at any time of the year.

**Campus**  
Prahran.

**Entry requirements**  
Applicants should be at least sixteen years of age.

**Application procedure**  
Direct to Swinburne.

**Course overview**  
This a general education program for people with a disability. It provides an opportunity to develop the skills required for employment and further education. Students negotiate an individual program plan containing learning objectives which are relevant to their aspirations.

**Career opportunities**  
On completion of the course the students are assisted in finding employment and/or where appropriate are encouraged to pursue further studies and training.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Community and Further Education Department  
Tel: (03) 9214 6892

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**English (CSWE)**

**Course title**  
Certificate I, II and III in Spoken and Written English

**Duration**  
*Certificate I:* twenty weeks part-time (Hawthorn/Prahran), thirty-six weeks part-time (Wantirna)  
*Certificate II:* twenty weeks part-time (Hawthorn/Prahran), one year part-time (Wantirna)  
*Certificate III:* eighteen weeks (15-20 hours per week) or one year part-time.

**Campus**  
Certificate I/II: Hawthorn, Prahran, Wantirna  

**Entry requirements**  
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.

**Course overview**  
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.

**Career opportunities**  
Further studies in a higher level of CSWE or into English for Vocational Education and Further Study (EVEFS).

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Access Department  
(03) 9213 6862 (Croydon)  
(03) 9214 8634 (Hawthorn)  
(03) 9214 6985 (Prahran)  
(03) 9210 1212 (Wantirna)

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**English (EVEFS)**

**Course title**  
Certificate IV in English for Vocational Education and Further Study – Accounting, Computing or General streams.

**Duration**  
One semester (eighteen weeks) full-time or one year part-time (Wantirna only).

**Campus**  
Accounting: Prahran.  
Computing: Prahran, Wantirna.  
General: Hawthorn, Prahran.

**Entry requirement**  
ASLPR (2, 2+). 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.

**Course overview**  
This course prepares people from non-English speaking backgrounds, with intermediate to high intermediate levels of English with a means to progress to further study (mainstream) or employment.

**Career opportunities**  
Provides pathways to a diverse range of TAFE and university courses, or employment.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Access Department  
(03) 9214 8634 (Hawthorn)  
(03) 9214 6985 (Prahran)  
(03) 9210 1212 (Wantirna)
Vocational Preparatory Education – TAFE

General Education for Adults

Course title
Certificate II in General Education for Adults (Further Study)
Certificate I in General Education for Adults (Foundation)

Duration
The course can be undertaken on a full-time (16-20 hours per week) or part-time basis. Intakes are flexible and occur at regular intervals throughout the year. The number of modules required to complete the Certificate is dependent on the individual's skills at entry.

Campus
Certificate II: Croydon, Lilydale, Wantirna.

Entry requirements
Adult students are accepted at any skill level, however they must be able to speak English

Application procedure
Direct to Swinburne.

Course overview
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. Students are also encouraged to undertake some introductory vocational modules.

Career opportunities
On completion of the course the students are assisted in finding employment and/or where appropriate are encouraged to pursue further studies and training.

Further information
Tel: 1300 368 777 (general enquiries)
Access Department
(03) 9213 6632 (Croydon)
(03) 9214 6985 (Prahran)
(03) 9210 1212 (Wantirna)

Literacy and Numeracy

Course title
Certificate I in Initial Adult Literacy and Numeracy

Duration
Two semesters part-time.

Campus
Croydon, Lilydale.

Entry requirements
There are no formal entry requirements. However, applicants must attend an interview, express personal goals for literacy, and demonstrate readiness reading, writing and maths skills (eg: recognise a small number of sight words and numbers; recognise the sounds and names of a group of letters).

Course overview
This course is designed to help students who may have a limited school experience, intellectual disability or have to overcome the challenge of a learning disability, to develop reading, writing, speaking, listening and maths skills.

Career opportunities
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.

Further information
Tel: 1300 368 777 (general enquiries)
Access Department
Tel: (03) 9213 6632 (Croydon)

Study Support

Course title
Concurrent Study

Duration
This course is offered as an adjunct to mainstream studies and equal to the duration of any mainstream TAFE course. Available each weekday throughout the academic year.

Campus
Croydon, Hawthorn, Lilydale, Prahran, Wantirna.

Entry requirements
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 procedure
Direct to Swinburne. Applications are accepted throughout the year. There is no charge for concurrent assistance.

Course overview
After enrolling in a mainstream TAFE or Higher Education course at Swinburne, students can apply for study support by enrolling in a module of Concurrent Study. The course aims to support students so they can pursue their mainstream courses with confidence. Tuition is available to students who want to: read and take notes more efficiently, become more competent in mathematics, know how to identify the key elements of work requirements, plan and prepare their written and oral presentations effectively, manage their study effectively, set realistic study goals, work well with their peers and in groups, and learn how to use a wide variety of resources.

Career opportunities
An increased ability to complete mainstream courses and the confidence to take advantage of pathways to further study.

Further information
Tel: 1300 368 777 (general enquiries)
Access Department
(03) 9213 6891 (Croydon/Lilydale)
(03) 9214 8634 (Hawthorn)
(03) 9214 6985 (Prahran)
(03) 9210 1222 (Wantirna)
**VCE**

Course title  
Victorian Certificate of Education (VCE)

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

Campus  
Lilydale, Prahran.

Entry requirements  
Successful completion of an appropriate Year 11 or its equivalent. A selection of subjects are available to prepare students for Units 3 and 4. These include Chemistry, Physics, Maths Methods, English, Art, Psychology and Information Technology.

Applicants wishing to take a Maths Methods, Information Technology (Systems), Physics or Chemistry subject, who do not clearly have a pass in the corresponding Year 11 subject or equivalent, will be required to attend an interview and/or sit for a challenge test.

Application procedure  
Direct to Swinburne.

Course overview  
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.

Career opportunities  
The VCE provides Pathways to a diverse range of TAFE and Higher Education courses.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Department of Community and Further Education  
Tel: (03) 9214 6757

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**Work Education**

Course title  
Certificate I in Work Education

Duration  
Two years full-time.

Campus  
Croydon, Hawthorn.

Entry requirements  
People who have special learning needs with a focus on intellectual and/or learning disability, who have the potential for open employment and/or further training, and are sixteen years and over.

Application procedure  
Direct to Swinburne.

Course overview  
The course aims to provide basic literacy, numeracy and vocational training skills.

Career opportunities  
On completion of the course the students are assisted in finding employment and/or where appropriate are encouraged to pursue further studies and training.

**Further information**  
Tel: 1300 368 777 (general enquiries)  
Department of Community and Further Education  
Tel: (03) 9213 6682 (Croydon)  
(03) 9214 8370 (Hawthorn)
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**Key:**
- C: Croydon
- CV: Community Venue
- DL: Distance Learning
- H: Hawthorn
- EV: External Venue
- HV: Healesville
- L: Lilydale
- P: Prahran
- WP: Wantirna
- VP: Vocational Program
- W: Workplace

*Website: www.swin.edu.au*
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<td>Certificate IV in Community Services (Youth Work)</td>
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Hawthorn Campus

Bachelor of Applied Science
- Biochemistry/Chemistry
- Computer Science and Software Engineering
- Computing
- Psychology/Biochemistry
- Psychology/Psychophysiology

Bachelor of Applied Science/Bachelor of Engineering
- Research and Development
- Electronics and Computer Systems

Bachelor of Arts
- with majors/minors in:
  - Asian Languages and Culture (Japanese)
  - Australian Studies
  - Cultural Studies
  - European Studies
  - Italian
  - Literature
  - Media Studies
  - Philosophy and Cultural Inquiry

Bachelor of Arts (Media and Communications)

Bachelor of Arts (Psychology/Psychophysiology)

Bachelor of Arts / Diploma in Business (Administration)

Bachelor of Business
- with majors/minors in:
  - Accounting
  - Business Law
  - Economics
  - eMarketing
  - European Business
  - Finance
  - Human Resource Management/Organisation Behaviour
  - Information Systems
  - International Business
  - Management
  - Manufacturing Management
  - Marketing

Bachelor of Business (Accounting)

Bachelor of Business (Human Resource Management)

Bachelor of Business (Marketing)

Bachelor of Business/Bachelor of Arts (Language)

Bachelor of Engineering
- Biomedical Engineering
- Biotechnology
- Civil Engineering
- Electronics and Computer Systems
- Mechanical Engineering
- Product Design
- Robotics and Mechatronics
- Telecommunications and Internet Technologies

Bachelor of Engineering/Bachelor of Applied Science
- Robotics and Mechatronics/Computer Science and Software Engineering
- Telecommunications and Internet Technologies / Computer Science and Software Engineering

Bachelor of Engineering/Bachelor of Business
- Biotechnology/Business
- Civil/Business
- Electronics and Computer Systems/Business
- Mechanical/Business

Bachelor of Engineering/Bachelor of Science
- Biotechnology/Biotechnology
- Bachelor of Health Science (Public Health Management)
- Bachelor of Information Systems
- Bachelor of Information Systems/Bachelor of Business

Bachelor of Information Technology

Bachelor of Multimedia
- Network and Computing/Telecommunications and Internet Technologies

Bachelor of Science
- Biomedical Sciences
- Biotechnology
- Photonics

Bachelor of Science/Bachelor of Arts
- Biotechnology/Media and Communications

Bachelor of Science/Bachelor of Business
- Biotechnology/Business

Bachelor of Science/Bachelor of Engineering
- Biomedical Sciences/Electronics and Computer Systems
- Photonics/Telecommunications and Internet Technologies
- Bachelor of Social Science
  - with majors/minors in:
    - Politics
    - Psychology
    - Sociology

Bachelor of Social Science
- Human Services
- Psychology

Bachelor of Software Engineering

Bachelor of Technology
- Air Transportation Management
- Aviation
- Building Surveying

Bachelor of Technology/Bachelor of Business
- Air Transportation Management/Business
- Aviation/Business

Lilydale Campus

Bachelor of Applied Science
- Computing
- Interactive Multimedia
- Psychology

Bachelor of Applied Science (Information Technology)

Bachelor of Applied Science/Bachelor of Social Science

Bachelor of Business
- with majors/minors in:
  - Accounting
  - Business Computing/Information Systems
  - Economics
  - HR Management
  - Management
  - Marketing
  - Tourism

Bachelor of Business (Accounting)

Bachelor of Business (eCommerce)

Bachelor of Business (Tourism and Enterprise Management)

Bachelor of Business/Advanced Diploma of Business
- Accounting
- Marketing

Bachelor of Business/Bachelor of Applied Science

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

Bachelor of Social Science
- with majors/minors in:
  - Media Studies and eCulture
  - Psychology
  - Sociology

Bachelor of Social Science (Interactive Multimedia)

Bachelor of Social Science/Bachelor of Business

Bachelor of Social Science/Diploma of Community Services (Welfare Studies)

Prahran Campus

Bachelor of Design
- Graphic Design
- Industrial Design
- Interior and Exhibition Design
- Multimedia Design

For more information on Swinburne’s courses, please tick the appropriate box, complete the coupon and post or fax this page to: Corporate Marketing Department, Swinburne University of Technology, PO Box 218, Hawthorn 3122, Victoria.
Fax (03) 9214 8447. Alternatively, telephone Swinburne’s Information Office on 1300 368 777, or visit the Course and Subject Database at http://pandora.swin.edu.au/guide

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<td>Postcode</td>
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<tr>
<td>School/institution</td>
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Website: www.swin.edu.au
Advanced Diploma
Computing and Information Technology

Certificates
- Electronic Publishing
- Information Technology

Other Courses
- Computing with Confidence
- Desktop Publishing
- Learning Technologies

Design
Diplomas
- Graphic Art

Certificates
- Applied Design
- Aboriginal and Torres Strait Islander Art and Design

Engineering and Technology
Advanced Diploma
- Engineering Technology

Diplomas
- Aviation
- Building
- Computer Systems
- Electronics
- Engineering Technology
- Fire Technology

Certificates
- Automotive
- Aviation
- Carpentry and Joinery
- Computer Systems
- Electrical
- Electronics
- Engineering
- Fire Technology
- General Construction
- Quality Technology
- Renewable Energy Technology

Other Courses
- Forklift Truck Driver
- Motor Vehicle Driver Instructor
- Welding

Health and Human Services
Advanced Diploma
- Children's Services

Diplomas
- Children's Services
- Community Work
- Justice
- Management
- Mental Health Work
- Outdoor Recreation
- Sport and Recreation
- Sports Development
- Welfare Studies
- Youth Work

Certificates
- Aged Care Work
- Children's Services
- Disability Work
- diversional Therapy

- Nursing
- Occupational Health and Safety
- Patient Services
- Youth Work
- Parent Education Leadership Training

Hospitality and Tourism
Diplomas
- Hospitality (Management)
- Tourism

Certificates
- Hospitality
- Tourism

Multimedia
Advanced Diploma
- Electronic Design and Interactive Multimedia

Diplomas
- Multimedia

Certificates
- Interactive Multimedia (Arts)
- Interactive Multimedia (Computing)
- Multimedia

Social Sciences and Arts
Diplomas
- Communication
- Liberal Arts
- Professional Writing and Editing

Certificates
- Communication
- Tertiary Preparation

Visual and Performing Arts
Diplomas
- Costume
- Indigenous Performing Arts
- Small Companies and Community Theatre
- Visual Arts
- Visual Arts (New Media)

Certificates
- Costume
- Make-Up
- Visual Merchandising

Vocational Preparatory Education
- Community Options Program
- Concurrent Study
- English for Vocational and Further Study
- General Education for Adults
- Initial Adult Literacy and Numeracy
- Spoken and Written English
- Victorian Certificate of Education (VCE)
- Work Education

Short Courses
There are also many short fee-paying courses offered at Swinburne. For a copy of the Short Course Guide, tick the box below.

Short Course Guide
Swinburne Open Day
Sunday 26 August 2001
11.00am – 3.00pm

Twilight Swinfo Sessions
Wednesday 12 December 2001
4.00pm – 8.00pm

Further information
1300 368 777
Visit our website
www.swin.edu.au