



Southbank
Institute of Technology
Education for aspiring minds

Multimedia and IT

Course Guide 2012



CRICOS Provider No. 03020E



Queensland Government



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Key

- Q** **QTAC**
Apply directly to Queensland Tertiary Admissions Centre (QTAC).
Note: QTAC codes in this guide are current for 2011.
- DE** **Direct Entry**
Apply directly to Southbank Institute of Technology.
- WB** **Workplace Based**
This course is delivered in your place of work.
- OL** **Online**
The course is offered online.
- FD** **Flexible Delivery**
A course delivered through a range of methods.
- FT** **Full-time**
The course is offered on a full-time basis.
- PT** **Part-time**
The course is offered on a part-time basis.
- AT** **Aboriginal and Torres Strait Islander (A&TSI)**
Apply directly to the School of Indigenous Australian People,
Southbank Institute of Technology.
- VFH** **VET FEE-HELP approved**
This course is VET FEE-HELP approved. Please see page 14 for more information.

Is your
course
**VET FEE-HELP
APPROVED?**

*Check out southbank.edu.au
for the latest VET FEE-HELP
course information.*

Information and courses contained within this booklet are correct as at February 2011 and are subject to change at any time without notice. For up to date information call 13 72 48 or visit southbank.edu.au

Why you should study with us.

Here's why more than 28,000 students from over 90 countries chose to study with us in 2010.

1 We will help shape your career

- we provide quality education for a range of careers
- our courses give you the practical skills so you are job ready
- we offer 140 formal pathways to university
- 88.2% of graduates go on to further study or get a job after*.

2 We are a leading training provider with highly skilled teachers

- our respected industry focused teachers strive to deliver you the best teaching
- we work with industry to deliver up-to-date training packages endorsed by the Australian Quality Training Framework.

3 We offer a world-class learning environment

- we recently completed a major redevelopment of our Southbank campus to create a world-class facility designed to inspire interactive and student-focused teaching and learning
- our campus offers open and flexible learning spaces so you can work at your own pace and be your best.

4 We are centrally located

- our Southbank Campus is located in the heart of Brisbane's cultural precinct and right next to the city centre. It is easily accessible to buses, trains and the City Cat
- newly opened student accommodation is available next door to our main campus.

5 We provide an international perspective

- we currently have 3,500 international students studying with us from more than 90 countries
- we can provide international students an excellent pathway into university or further training
- international students can access a first class support network, including a dedicated International Student Support team, an International Student Social Club and English Language Intensive Courses for Overseas Students (ELICOS)
- we can point you in the right direction to help you find accommodation.

6 We will support you

We offer a wide range of services to help you when you need it most, including:

- scholarships and bursaries
- career counselling
- AccessAbility services
- library
- literacy and Learning Centre
- Indigenous Australian student support
- student employment opportunities
- a 24 hour security team.

7 We offer a wide variety of courses of highly sought after disciplines

Choose from a range of courses in the following areas:

- Health Services
- Biotechnology
- Engineering
- Multimedia
- Hospitality and tourism
- Creative industries
- Business services.

*Source: National Centre for Vocational Education Research (NCVER), 2009 Summary of Graduate Outcomes.

What are my study options?

Study is tailored to accommodate busy lifestyles with a range of study modes available including full-time, part-time, short courses, online, flexible delivery and on-the-job training.

Where to from here?

Visit our website southbank.edu.au for information on courses available and study options or contact us on 13 72 48.



Image courtesy of Patrick Jones, illustrator and teacher

Why choose Multimedia and IT at Southbank Institute?

A Southbank Institute of Technology qualification can make all the difference to your future, giving you the competitive edge you need to shape your career in the multimedia/IT industry.

At Southbank Institute you will enjoy premium access to real world teachers, up-to-the-minute industry relevant courses, simulated working environments and hands-on, practical tuition. You will also enjoy the benefits of world-class learning facilities located in the heart of South Bank.

Whether you're left brain, right brain or both, if it's a computer-based career you're after, Southbank Institute has it covered with a comprehensive range of both creative and technically based information and digital technology courses.

Our IT courses range from a general grounding in hardware, software and client support skills, to development of progressively more advanced skills in network administration, technical support, network management and client support. Most of our IT certificate courses are also offered as traineeships within the Australian traineeship system.

Our dynamic courses in multimedia, games and screen explore the ever-developing scope for combining multimedia tools such as text, sound, video, still graphic images and animation for use in websites, games and visual effects. Evolving design technology for mobile devices and human computer interaction is also covered. We will assist you in developing essential project management skills, and ensure you complete your qualification equipped with a creative folio to showcase to potential employers.

Why study with us? Because your talent, passion and dedication - combined with Southbank Institute's superb facilities, smaller classes, practical teaching and pathways to university - will give you exactly what you need to fast-track a successful career in the burgeoning multimedia/IT industry.





Animator and Multimedia teacher, Jason Lynch working on Mary and Max. Image courtesy of Melodrama Pictures.

Screen and media – animation, visual effects

Advanced Diploma of Screen and Media (Animation)



Course No	Duration	Entry criteria
CUF60107	2 years (full-time)	Year 12 or equivalent. Alternatively, entry is based on merit, vocational experience, previous study and personal competencies. All applicants must submit a folio.
QTAC Codes		
155032 155036		

Career opportunities Positions in animation, multimedia, and games studios, or freelancer servicing a varied client base in the private and public sectors offering traditional animation, cartooning and illustration, editing and compositing, storyboarding, games animation, graphic design, motion graphics, multimedia, special effects, 3D animation, concept art.

Description This course will develop your skills in hand-drawn, 2D and 3D animation through creative projects that cover:

- motion principles
- body mechanics
- experimental film
- storyboard and narrative theory
- film making principles
- screen and broadcast production processes
- acting
- character design
- cartooning
- life drawing
- comic book art

You will study concept development and traditional animation principles, drawing skills and techniques and digital production processes.

Further study options Bachelor of Animation (GU). Up to 5 students who meet certain criteria such as high academic performance in year 1 of the advanced diploma are eligible to undertake concurrent study at the Queensland College of Art Griffith University (Bachelor of Animation) in year 2, thus obtaining the advanced diploma and the degree at the end of year 3.

Bachelor of Fine Arts (Animation) (QUT). Successful completion of the advanced diploma may assist you to gain entry into this university course through the usual QTAC application process and may contribute towards study credits.

Diploma of Screen and Media (Film and Visual Effects)



Course No	Duration	Entry criteria
CUF50107	1 ½ years (full-time)	Year 12 or equivalent. Alternatively, entry is based on merit, vocational experience, previous study and personal competencies. Competence in Windows applications (eg word processing packages) and creative talent are also desirable.
QTAC Codes		
155026 155028		

You can enrol in the above Diploma or one of the pathway courses below. Successful completion guarantees direct entry, with study credits, into the university degree.

Course No	Pathways to university
CUF50107-3	Diploma of Screen and Media (Film and Visual Effects) / Bachelor of Games and Interactive Entertainment (QUT). 3 ½ years in total.
QTAC Codes	
155172 155176	
QTAC Codes	Diploma of Screen and Media (Film and Visual Effects)/ Bachelor of Applied Media (USQ). 3 ½ years in total
155170 155171	

Career opportunities Editor, camera operator, production crew, 3D animator, 3D modeller, concept artist, visual effects artist, motion graphics artist.

Description This course explores the creative and technical practices required for screen media productions. You will develop skills in planning and shooting productions, camera control, editing, compositing, 3D modelling and animation, 2D animation, concept art, character design and motion graphics. As a result of Southbank Institute's significant industry contacts and internal partnerships, you will be given the opportunity to participate in live productions throughout the course. On successful completion of this course you will have had the opportunity to produce a show-reel in preparation for entering the digital media industry.

Further study options Bachelor of Fine Arts (Animation) (QUT), Bachelor of Film and Screen Media Production (GU), Bachelor of Applied Media (USQ).

Successful completion of this course may assist you to gain entry into university through the usual QTAC application process and may contribute towards study credits.

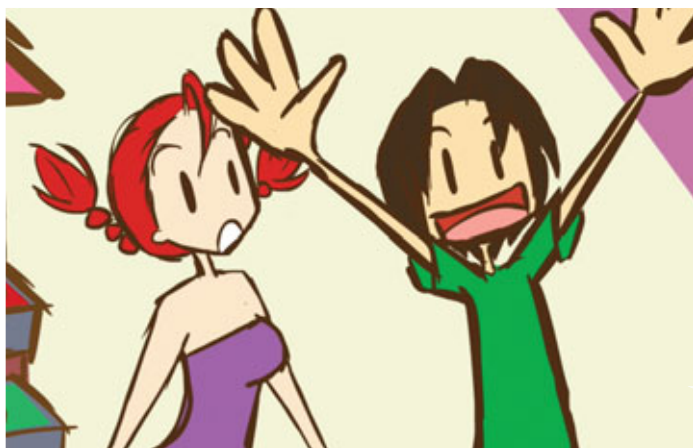


Image courtesy of Dana Ferris, student 2009.

One of the highlights of this program is the hands-on digital television broadcast experience and the opportunity to have your work broadcast via a digital TV station.

Character design: Paul Lavender & Lewis Smart, students 2009



Diploma of Interactive Digital Media



Course No	Duration	Entry criteria
CUF50207-1 QTAC Code 155792 155796	1 ½ years (full-time)	Year 12 or equivalent. Alternatively, entry is based on merit, vocational experience, previous study and personal competencies. Competence in Windows applications (eg word processing packages) and creative talent are also desirable.

You can enrol in the above Diploma *or* one of the pathway courses below. Successful completion guarantees direct entry, with study credits, into the university degree.

Course No	Pathways to university
CUF50207-7 QTAC Codes 155782 155896	Diploma of Interactive Digital Media / Bachelor of Games and Interactive Entertainment (QUT). 3 ½ years in total.
QTAC Code 155980	Diploma of Interactive Digital Media/ Bachelor of Multimedia (GU). 3 ½ years in total.
QTAC Codes 155240 155247	Diploma of Interactive Digital Media/ Bachelor of Digital Media (GU). 3 ½ years in total.

Career opportunities Animation/visual effects designer, instructional designer, interactive media developer, interface designer, web developer, content manager, mobile application developer

Description This course will provide you with extensive in-depth, hands-on experience coupled with real world projects and assignments. You will receive foundation knowledge in:

- design, video, sound, 2D and 3D animation
- XHTML, CSS and scripting (Action Script and JavaScript)
- DVD and video effects
- design and development for mobile devices
- web development (including servers, RSS feeds, blogs and chats)
- dynamic sites, flash video
- human computer interaction and interface design and development.

On successful completion of this course you will have produced a portfolio in preparation for entering the interactive content industry.

Further study options Successful completion of the diploma may assist you to gain entry into the Bachelor of Fine Arts (Interactive and Visual Design) (QUT) or the Bachelor of Creative Arts (USQ) through the usual QTAC process.

"Our teachers recognise that the digital media space is changing – and we have learnt specific skills to reflect where the industry is going."

*Student 2010,
Diploma Interactive Digital Media (Games)
Advanced Diploma Screen and Media.*

Digital media - games, authoring

Diploma of Interactive Digital Media (Games)



Course No	Duration	Entry criteria
CUF50207	1 ½ years (full-time)	Year 12 or equivalent. Alternatively, entry is based on merit, vocational experience, previous study and personal competencies. Competence in Windows applications (eg word processing packages) and creative talent are also desirable.
QTAC Code 155242 155243		

You can enrol in the above Diploma or one of the pathway courses below. Successful completion guarantees direct entry, with study credits, into the university degree.

Course No	Pathways to university
CUF50207-2	Diploma of Interactive Digital Media (Games) / Bachelor of Games and Interactive Entertainment (QUT). 3 ½ years in total.
QTAC Codes 155856 155244	

Career opportunities Games designer, 3D modeller, animator, games programmer, games tester, character designer, interaction designer.

Description This course explores the creative and technical practices required for game productions.

You will develop skills in:

- 3D modelling and animation
- concept art
- character design
- game design
- game programming.

You will also produce a comprehensive show reel in preparation for entering the games industry.

Further study options Bachelor of Fine Arts (Interactive and Visual Design) (QUT), Bachelor of Games Design (GU), Bachelor of Creative Arts (USQ).

Successful completion of this course may assist you to gain entry into university through the usual QTAC application process and may contribute towards study credits.

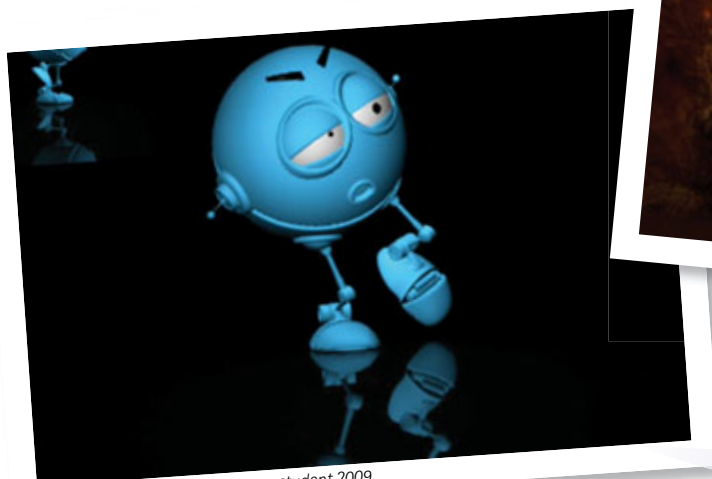


Image courtesy of Raye Newman, student 2009

Masterclass: Fantasy and Sci Fi Illustration



Course No	Duration	Entry criteria
FFS530	Variable	You must be a competent computer user. The course will be run on an Apple Mac platform, although Apple Mac experience is not mandatory. Skills in the use of Adobe Photoshop and other Adobe multimedia products is highly desirable.

Career opportunities This intense digital illustration course is suitable for anyone interested in working in the film, games, publishing and comic book industries.

Description In this course award-winning illustrator Patrick J. Jones will teach you specialised techniques in concept art using Corel Painter. Subjects include thumbnail sketching, male and female superhero drawing, digital comic-book colouring and use of Illustrator, and Photoshop 3D including morphing and masking. By the end of the course you will have produced a polished Fantasy or Sci-Fi book jacket.



Image courtesy of Patrick Jones, illustrator and teacher



Diploma of Information Technology – Networking (incorporating Certificate IV in Information Technology - Networking)



Course No	Duration	Entry criteria
ICA50405 QTAC code 155252 155250	1 year (full time)	Completion of Year 12 or equivalent or non school-leavers are selected according to eligibility and merit, vocational experience, previous study and personal competencies. Prerequisite knowledge and skills are required that demonstrate basic fundamental ICT knowledge and skills.

You can enrol in the above Diploma *or* one of the pathway courses below. Successful completion guarantees direct entry, with study credits, into the university degree.

Course No	Pathways to university
QTAC codes 155254 155256	Diploma of Information Technology – Networking / Bachelor of Information Technology (QUT)
QTAC codes 155268 155266	Diploma of Information Technology – Networking / Bachelor of Information Technology (GU)
QTAC codes 155258 155206	Diploma of Information Technology – Networking / Bachelor of Corporate Systems Management (QUT)
QTAC codes 155212 155276	Diploma of Information Technology – Networking / Bachelor of Games and Interactive Entertainment (QUT)
QTAC codes 155207 155208	Diploma of Information Technology – Networking / Bachelor of Information Technology (USQ)

Career opportunities Intranet engineer, network engineer, integration analyst, e-security analyst / manager, configuration specialist, enterprise application integration consultant, systems engineer, solutions architect, network administrator and help desk operator.

Description Gain the skills and knowledge to work confidently as a senior ICT professional with responsibilities spanning design, development, site performance and database integration through to implementation and acceptance testing.

This exciting diploma will help you gain the skills and knowledge to work as a network engineer in network security administration, network hardware and software installation, project management or network integration.

Some of the key areas of learning covered during this course include:

- applying mathematical techniques for software development
- creating scripts for networking
- project management
- managing network protocols
- installing network hardware and software to networked computers
- install, configure and manage a network operating system
- providing basic and systems network administration and network security
- maintain servers and support system software
- create technical documentation and prepare and present feasibility reports.

Networking

Further study options Southbank Institute has built links with many universities including QUT and Griffith to give you more options for further study. This means you can benefit from direct entry into university and get a dual qualification in almost the same time it takes to gain a degree. Your studies will combine practical skills and theoretical knowledge that will hold great appeal to potential employers.

Certificate III in Information Technology – Network Administration with Industry A+ Certification Preparation

DE FT PT

Course No	Duration	Entry criteria
ICA30105	18 weeks (full-time) 36 weeks (part time)	Prerequisite knowledge and skills are required that demonstrate basic fundamental ICT knowledge and skills in line with learning outcomes from the Certificate II in Information Technology.

Career opportunities Foundation for a career in the IT industry.

Description This course provides you with an academic qualification and prepares you for A+ Certification testing at a recognised Prometric Testing Centre. The course is designed to help you develop general skills and knowledge in a range of technologies, to enable you to enter the work force as a competent, entry-level, computer service professional. The course covers both theoretical and practical components of:

- installing and configuring network hardware and software
- determining and resolving network problems
- providing basic network and systems administration
- installation of operating systems
- providing advice to clients on hardware, software, network and user problems
- basic fault finding and care of computer hardware
- using advanced features of computer applications
- creating basic web pages with HTML and creating user documents.

Further study options Diploma of Information Technology - Networking

Certificate III in Information Technology – Applications Stream (online)

DE OL FT PT

Course No	Duration	Entry criteria
ICA30105-1	20 weeks (full-time) 36 weeks (part time)	Prerequisite knowledge and skills are required that demonstrate basic fundamental ICT knowledge and skills in line with learning outcomes from the Certificate II in Information Technology.

Career opportunities Foundation for a career in the IT industry.

Description This course is designed to provide you with general skills and knowledge across a range of technologies and an industry recognised qualification ready for employment in the

computer services industry. Areas of study covered by the course include:

- using advanced features of industry-standard computer applications
- installation of operating systems
- providing advice to clients on hardware, software, network and user problems
- basic fault finding and care of computer hardware
- creating basic web pages with HTML
- creating user documentation
- occupational health and safety procedures.

Further study options Diploma of Information Technology (Networking).

Certificate II in Information Technology (online)

DE OL

Course No	Duration	Entry criteria
ICA20105	20 weeks (full time) 40 weeks (part time)	There are no entry requirements for this course.

Career opportunities Foundation for a career in the IT industry.

Description This course is designed to help you learn how to work effectively in an information technology environment, operate computer equipment and computing packages. This is a fully online course designed to provide you with a sound understanding of information technology fundamentals to confidently operate computer equipment and computing packages. Some of the areas of study covered during the course includes:

- design organisation documents using computing packages
- integrate commercial computing packages
- connect, care for and operate hardware peripherals
- install software applications
- access the internet
- run standard diagnostic tests
- use computer operating systems.

Further study options Certificate III in Information Technology – Applications Stream, Certificate III in Information Technology (Network Administration with Industry A+ Certification).



Website development

Diploma of Information Technology – Website Development (incorporating Certificate IV in Information Technology - Website Development)



Course No	Duration	Entry criteria
ICA50605 QTAC code 155234 155237	1 year (full-time)	Completion of Year 12 or equivalent or non school-leavers are selected according to eligibility and merit, vocational experience, previous study and personal competencies. Prerequisite knowledge and skills are required that demonstrate basic fundamental ICT knowledge and skills.

You can enrol in the above Diploma or one of the pathway courses below. Successful completion guarantees direct entry, with study credits, into the university degree.

Course No	Pathways to university
QTAC codes 155228 155196	Diploma of Information Technology – Website Development / Bachelor of Information Technology (QUT)
QTAC codes 155214 155216	Diploma of Information Technology – Website Development / Bachelor of Information Technology (GU)
QTAC codes 155222 155186	Diploma of Information Technology – Website Development / Bachelor of Games and Interactive Entertainment (QUT)
QTAC codes 155224 155226	Diploma of Information Technology – Website Development / Bachelor of Corporate Systems Management (QUT)
QTAC codes 155197 155198	Diploma of Information Technology – Website Development / Bachelor of Information Technology (USQ)

Career opportunities Designing, developing, constructing, testing and maintaining dynamic, data driven business websites.

Description Develop your skills and knowledge to work confidently in the exciting world of information technology. This innovative course in Information Technology – Website Development has been designed to provide you with the knowledge to work as a senior ICT professional with responsibilities spanning design, development, site performance and database integration through to implementation and acceptance testing.

The course is structured to help you gain a high level competency across a range of web-related fields including website development and design, site performance, database integration, implementation and acceptance testing.

Some of the key areas of learning covered during this course include:

- run standard diagnostic tests
- locate equipment and software faults
- determine and confirm client expectations and needs
- manage complex projects and project quality
- create user documentation
- develop and present feasibility reports
- develop guidelines for updating and loading information to a website
- apply visual design and communication principles to the development of a media product
- design websites to technical requirements
- create a mark-up language document to specification
- develop cascading style sheets (CSS)
- develop website information architecture
- prepare disaster recovery and contingency plans.

Further study options Southbank Institute has built links with many universities including QUT and Griffith to give you more options for further study. This means you can benefit from direct entry into university and get a dual qualification in almost the same time it takes to gain a degree. Your studies will combine practical skills and theoretical knowledge that will hold great appeal to potential employers.





Pathways to university*

Southbank Institute of Technology is a recognised centre of excellence for its pathways to universities. We have partnered with major Queensland universities to give diploma, advanced diploma and associate degree graduates recognition for the quality of education and training they receive at Southbank Institute.

Many Southbank Institute diplomas and advanced diplomas articulate into degree courses with our partner universities. If you didn't get the right OP it's not the end of the world. By completing a diploma or advanced diploma at Southbank Institute, you can improve your OP score and heighten your chances of securing a place to university.

For more information about pathways visit southbank.edu.au or check out our Pathways to your Future brochure.

Need more information?

We have a range of brochures designed to help you to make the right decision and include:

- The Southbank Experience
- Parents Guide
- Support for Students
- Pathways to your Future
- Post-Degree Study

Our brochures are the perfect way to assist you with what Southbank Institute has to offer. Alternatively, if you would like to speak to us you can call 13 72 48.

VET FEE-HELP

VET FEE-HELP assists eligible students undertaking certain Vocational Education and Training (VET) courses at Southbank Institute to pay for all or part of their tuition costs (excludes incidental fees). VET FEE-HELP is an Australian Government initiative and is an extension of FEE-HELP, as part of the Higher Education Loan Program (HELP). Students repay the loan to the Australian Government through the tax system once a student reaches the minimum income threshold level for repayment.

For further information

Visit southbank.edu.au/vetfeehelp

*University abbreviations:	ACU	Australian Catholic University National
	CQUni	Central Queensland University
	CSU	Charles Sturt University
	GU	Griffith University
	QUT	Queensland University of Technology
	UQ	The University of Queensland
	USC	University of the Sunshine Coast
	USQ	University of Southern Queensland

Enrol in four easy steps

1. Select the course you want to study



2. Contact Student Administration

Phone 13 72 48 for the most recent up-to-the-minute information
or go to our website southbank.edu.au



3. Apply to QTAC or Southbank Institute of Technology

Apply to QTAC (Queensland Tertiary Admissions Centre) or to Southbank Institute of Technology, depending on the course you choose (the courses listed in our careers booklets will let you know whether or not a QTAC application is required).



4. Secure your enrolment

Pay your fees before the course commences to secure your enrolment. Limited places are available in most courses.

*For further information about how to enrol:
Visit southbank.edu.au/howtoenrol or call 13 72 48.*

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of Technology**

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