What is an associate degree?
An associate degree is a two-year undergraduate course resulting in a highly practical, skills-rich qualification.

Associate degrees combine practical instruction with the technical and theoretical knowledge needed for a range of specialist and generalist careers. The curriculum is relevant and thorough, the teaching style approachable and taught by academic staff who are highly qualified and industry-experienced.

Associate degrees are an accessible way to engage with higher education and taught with employability in mind. We’ve found them ideal for those exploring a new career, returning to study, looking to undertake study for the first time, or for school leavers looking for an entry pathway to a bachelor degree.

Associate Degree of Applied ICT
The course has a focus on software and web development. It provides both employment or further study outcomes. The first three semesters of the program are offered at the Wantirna campus, with the final semester at the Hawthorn campus. The program comprises studies in programming, databases, networking and project management with a particular focus on web and software development.

Job roles available for those with applied ICT qualifications and experience in web and software development include: application developer, quality assurance analyst, project manager, multimedia developer, systems architect, business requirements analyst, technical writer, application integration specialist and user interface analyst.

Graduates of the Associate Degree of Information Technology can transition to third year of a Bachelor of Applied Information and Communication Technology degree.

Year 1 units
- Business systems solutions
- Website development
- Data and databases
- Programming concepts and algorithms
- Dynamic web development
- Java programming
- Computer systems and networks
- Simulated workplace project

Year 2 units
- Usability and prototyping techniques
- Emerging web technologies
- Local area networking
- Software development in Java
- Web technologies project
- Software development practices
- Database systems
- Web programming

Aims, objectives and competencies
- Select and apply methods and technologies to design, program and test software and web applications
- Use contemporary software development process models in the development of software solutions
- Apply principles of user-centred design to contribute to the development of usable interfaces
- Select and use appropriate computer languages to solve software-related problems in a variety of problem domain
- Use communication and management skills required to manage small-scale projects successfully
- Demonstrate an understanding of the social, legal and ethical issues confronting the ICT professional

Campus
- Wantirna and Hawthorn (final semester, Hawthorn only)

Intakes
- Semester 1
- Full-time only

Applications
- VTAC (1st semester).
- Guaranteed ATAR 50
- International students must study full-time
- swinburne.edu.au/apply

Fees (Domestic students)
- Commonwealth supported place (Band 2)

More information
- 1300 275 794
- swinburne.edu.au/associatedegree