

The Computer Professional Education Program is the most professionally relevant, rigorous IT course of study available in Australia.



Computer Professional Education Program

Delivered through e-learning, the Program takes a mentored and collaborative approach. This means students work together in small online cohorts under the guidance and inspiration of personal mentors and a group tutor. The environment encourages probing questions and informed discussions in a shared learning environment.

All assignments are workplace-based, ensuring your skills and knowledge can be immediately applied and are relevant to your organisation. Both you and your employer benefit from the collaboration and the cross-pollination of experiences and ideas.

The Program articulates into Graduate Diploma and Masters programs, providing you with a pathway to further studies.

The Computer Professional Education Program is also linked to the Australian Computer Society's Practising Computer Professional (PCP) scheme, a highly respected classification that distinguishes ACS members who have completed 30 hours of professional development in 12 months. All new members must first complete the Program to enable them to qualify for Practising Computer Professional status.

ENTRY REQUIREMENTS

ACS Members: Entry is available to ACS members via several pathways, for further information visit www.acs.org.au/cpeprogram – Entry Requirements.

Non ACS Members: Enrolment is encouraged by non members with a technology-related degree. Non members may enrol in single subjects, but can't graduate from the actual program. They are not required to complete the Professional Practice Report.

STUDY PERIODS

Three 13 week study periods per calendar year January to April; May to early August; late August to November.

ASSESSMENT

Two or three assignments, plus participation in discussion forums and completion of the Professional Practice Report.

FEES	
ACS Members	\$750 per subject
Non Members	\$1350 per subject



Enhance your credentials ...
propel your career.



Further information

www.acs.org.au/cpeprogram

cpeprogram@acs.org.au

Freecall 1800 671 003

“ I highly recommend the CPE Program to IT professionals looking to stay current and broaden their knowledge. I was assigned an experienced and extremely enthusiastic mentor who provided me with individualised support and advice. It has been the perfect choice for me – relevant content, flexible and affordable. ”

Miranda Berry, MACS Provisional



AUSTRALIAN
COMPUTER
SOCIETY

Ready to take the next step to enhance your credentials and propel your career?

Consider the Computer Professional Education Program, the most professionally relevant postgraduate IT course in Australia.

You won't be tied to the rigidity of classrooms – enjoy online learning with lots of challenging and stimulating peer interaction.

The postgraduate program includes three core subjects and one elective. Read on to find out how the Computer Professional Education Program can help you stand out in a crowded market.



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Core Subjects

Students must complete three core subjects

BUSINESS LEGAL AND ETHICAL ISSUES

This subject gives students an in depth understanding of the business environments for which IT systems are developed and implemented. Students will develop an insight into the legal, ethical and risk issues they are likely to deal with as an IT professional.

- The role of IT Professionals in Business
- Risk Management Frameworks
- IT Governance
- Managing the social, legal, compliance and environmental business risks

NEW TECHNOLOGY ALIGNMENT

With an emphasis on technology trends in the broader context of technology in business, this subject covers a range of topics including service-oriented architectures and business process management.

- Expert predictions
- Process and application trends
- Architecture, infrastructure and standards
- Technology developments

BUSINESS STRATEGY AND IT

This subject covers general business topics an ICT professionals need to understand such as competitive strategy, performance management, innovation and uncertainty; preparing, justifying and evaluating business cases for IT investment; and delivering value from IT.

- Business models, strategy and organisation
- The CIO role
- Evaluating and justifying IT initiatives
- Managing people and performance

“After four years of industry experience I decided it was time to build on my knowledge of IT and its application to business. The Computer Professional Education Program has helped me acquire the skills to take my career to the next level.”

Terrence Fernandes MACS Provisional

Elective Subjects

Students must complete one of the elective subjects

ADAPTIVE BUSINESS INTELLIGENCE

ABI focuses on complex business problems, and why solutions might be impossible using conventional techniques. The subject will cover:

- Characteristics of complex business problems
- Principles of artificial intelligence (AI), including data mining, prediction techniques and models, fuzzy logic, artificial neural networks, genetic programming and agent based systems
- Application of AI to solve complex problems

PROJECT MANAGEMENT

This subject will give you the confidence to meet the challenge of project management – ensuring a project delivers what the organisation requires of it. It covers the principals of project management, the major common issues, and how to deal with everything, all the time.

- Challenges in projects
- Fundamental issues – scope, time and cost
- General issues – organising teams, communication, quality and risk management
- Dealing with multiple projects

IT SERVICE MANAGEMENT

ITSM explains how to deliver IT services effectively using process standards and frameworks such as ITIL. Based on the current ITIL version 3, this subject draws concepts from other related frameworks such as VallIT™, COBIT® and ISO/IEC 20000. Participants will be able to appreciate:

- IT Service Management and its relevance to business
- Business benefits of implementing ITSM in financial and non-financial terms
- IT Service Management best practices

ENTERPRISE ARCHITECTURE

Enterprise Architecture helps make the most effective use of ICT to support the organisation. This subject explains the key components and process involved in the governance of enterprise architectures.

- Commonly used domains and differences between models
- The components of an Enterprise Architecture

ENTERPRISE ARCHITECTURE (CONTINUED)

- Governance, and how IT is an important part of the business and Enterprise Architecture
- Implementation of an Enterprise Architecture

GREEN ICT STRATEGIES

Green ICT Strategies demonstrates how organisations can use computers and telecommunications in a way that maximises positive environmental benefits and minimises the negative environmental impacts.

- Estimate the carbon footprint of the ICT operations of an organisation
- Assess ways to reduce the carbon footprint of an organisation through changes to policies for procurement, operations and revising business processes
- Learn accepted management practises that will achieve environmentally friendly business interactions.

PROFESSIONAL PRACTICE REPORT

Throughout your studies, you'll maintain an online diary called the Professional Practice Report to help you assess your development and reflect on the relevance of the course to your work and your career.

It's also an opportunity to maintain a journal of significant occurrences in your professional life, identify career objectives, document your current skills and knowledge relative to that objective, and identify what you need to do to achieve your goal. And importantly, you'll be assigned your own personal mentor to guide you.

It encourages a lifelong philosophy of reflecting, reviewing and planning.

“I was able to immediately integrate the coursework directly with my work. This, combined with the discussion, guidance and feedback from tutors and the interaction and collaboration between other students, helped me make sense out of how businesses run.”

Jamie McDonnell MACS PCP