“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 CP

The Computer Professional Education Program is a Masters level course of study which takes approximately 18 months to complete. Recognised as the most professionally relevant, rigorous IT course of study available in Australia, it articulates into a number of Graduate and Masters programs, providing you with a pathway to further studies.

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 a subject tutor and a personal mentor. 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 Computer Professional Education Program is also linked to the Australian Computer Society’s Certified Professional (CP) program, a highly respected classification that distinguishes ACS members from other IT professionals.

A Certified Professional:

- Delivers a recognisable higher standard of ICT
- Is globally recognised
- Demonstrates commitment to stay on top of technological developments

PROFESSIONAL PRACTICE SUBJECT

As part of CPeP, you will participate in the Professional Practice subject which will help you assess your current skills, choose medium term career goal and plan your career path to achieving them. To assist in this, you’ll be assigned a personal mentor to guide you. It’s also an opportunity to create an electronic “portfolio” 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. Professional Practice encourages a lifelong philosophy of reflecting, reviewing and planning on your professional life.

ACS Education

ENTRY REQUIREMENTS

ACS Members: Entry is available to most ACS members via several pathways, for further information visit www.acs.org.au/cpeprogram - Entry Requirements.
CPeP is one of several pathways towards becoming an ACS Certified Professional (CP).

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 subject.

STUDY PERIODS

Three 13 week study periods per calendar year:
January to April; May to August; September to December.

TIME COMMITMENT

8-10 hours per week, per subject.

ASSESSMENT

Two assessment pieces per subject, consisting of two or three assignments, plus participation in discussion forums and completion of the Professional Practice subject.

COST	
ACS Members	$750 per subject
Non Members	$1500 per subject

Further information

www.acs.org.au/cpeprogram

cpeprogram@acs.org.au

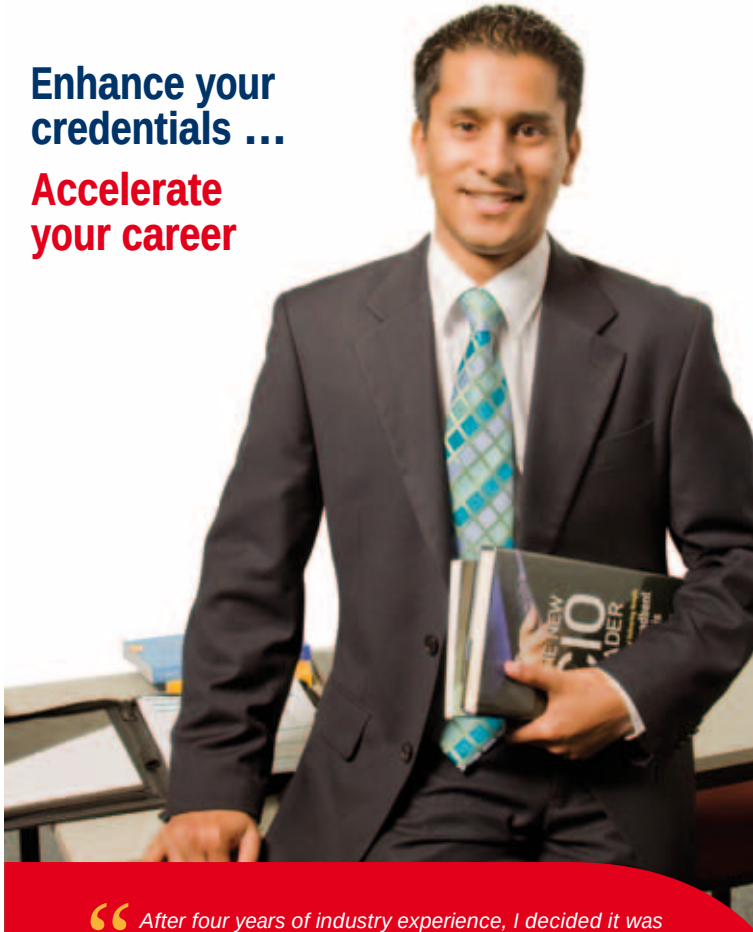
Freecall 1800 671 003

ACS Education

Computer Professional Education Program

Enhance your credentials …

Accelerate your career



“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 further developed my industry relevant knowledge through a well structured postgraduate program. Delivered online, it offers flexibility; peer interaction; tutor and mentor support and is also cost effective. A big plus is that CPeP is a stepping stone to several MBA programs.”

Terrence Fernandes MACS Provisional

AUSTRALIAN COMPUTER SOCIETY

Ready to take the next step to enhance your credentials and accelerate your career? The Computer Professional Education Program includes three core subjects and one elective. Read on to find out how it can help you stand out in a competitive market.

The Computer Professional Education Program is the most professionally relevant postgraduate IT course in Australia.

You won't be tied to the rigidity of classrooms or face to face education. Enjoy online learning with lots of challenging and stimulating peer interaction.

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.

- Value, ethics and professionalism
- Risk management frameworks
- IT governance
- Compliance risks in business

BUSINESS, STRATEGY AND IT

This subject covers general business topics an ICT professional needs to understand - such as competitive strategy, strategy maps, 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

NEW TECHNOLOGY ALIGNMENT

With an emphasis on information technology trends in the context of business, this subject covers the following topics:

- Identifying and investigating emerging information technology trends
- Service-oriented architectures and business process management
- IT governance standards and Infrastructures
- Mobile and wireless growth
- Process and application trends

Elective Subjects

Students must complete one elective subject

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

BUSINESS PROCESS IMPROVEMENT USING LEAN SIX SIGMA

Business Process Improvement is one of the important competencies of an IT professional. Lean and Six Sigma are proven Business Process Improvement methods. You will also learn about the related best practices including ITIL, ISO/IEC 20000 and CMMI where applicable.
After successful completion of this course, you can optionally pursue ACS Lean Six Sigma Green Belt certification.
This subject assists students to understand:

- The principles behind Lean and Six Sigma methodology
- Understand ITIL Continual Service Improvement methodology
- Apply concepts in the IT environment and to develop a business case to promote a change program vision
- Analyse business processes and establish requirements for change and improvement

ENTERPRISE ARCHITECTURE

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

GREEN TECHNOLOGY STRATEGIES

This subject covers the study and practice of using computers and telecommunications in a way that maximises positive environmental benefits and minimises the negative environmental impact.

- 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.

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 ValIT™, COBIT® and ISO/IEC 20000. Participants will be able to:

- Appreciate IT Service Management and its relevance to business
- Articulate financial and non-financial business benefits of implementing ITSM
- Identify implementation challenges and strategies to overcome them
- Develop a plan to implement the processes that are relevant to their organisation

ORGANISATIONAL CHANGE MANAGEMENT

OCM will show you how to understand and manage the process of change and equip you to help people adjust to new business systems and build relationships based on trust and rapport. The need to manage organisational change is increasingly recognised as a critical success factor enabling IS projects to deliver expected returns on investment. Participants will learn how to:

- Understand the context of change and the impact of technology
- Deal positively with the people, personalities and stakeholder groups
- Understand the impact of change on the organisation, groups and individuals

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 and closing the project