

INFO 3008 PROFESSIONAL DEVELOPMENT

Credit Points 10

Legacy Code 300578

Coordinator Heidi Bjering (<https://directory.westernsydney.edu.au/search/name/Heidi Bjering/>)

Description This is a final year subject that builds on foundation and intermediate computing subjects to prepare students for professional experience. The subject covers the content in three modules as 1) Ethics and Professional Code of Conduct, 2) Project Management, and 3) Legal, Social, Environmental issues, Quality Assurance and IT Compliance. The content covered in these three modules are carefully designed to fill in the gaps in knowledge that is not so far covered in previous subjects in preparing students for the challenging projects subjects and professional working life ahead. This subject is a pre-requisite to the capstone project, covered in Professional Experience Project subject.

School Computer, Data & Math Sciences

Discipline Information Technology, Not Elsewhere Classified.

Student Contribution Band HECS Band 2 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 3 subject

Equivalent Subjects LGYA 5983 - Professional Preparation and Project Management

Restrictions Successful completion of 140 credit points.

Assumed Knowledge

Understanding of systems analysis and design.

Learning Outcomes

On successful completion of this subject, students should be able to:

1. Describe ethics and professional code of conduct associated with the professions related to computing and Information & communications technologies (ICT)
2. Communicate in a professional manner for IT projects among team members and with outside parties.
3. Plan, schedule and manage ongoing project activities as a group and an individual.
4. Carry out cost benefit analysis of software related projects
5. Manage team dynamics that involves working with people of varying skill levels, from different work/life experiences and diverse cultural backgrounds
6. Articulate the concepts related to security, privacy and freedom of information as it relates to electronic data
7. Explain legal, social and environmental issues in relation to computing and ICT
8. Describe the importance of quality assurance and techniques used in verifying quality of software development projects
9. Articulate the core concepts of IT compliance in order to develop a plan that addresses IT control elements.
10. Recognise indigenous culture and safety issues in proposed system designs

Subject Content

- Module 1 ICT Professional Code of Ethics and Code of Practice with special reference to the Australian Computer Society's professional code.
- professional communication and writing and Presenting reports
- types of ICT applications, their impact on society and indigenous cultures and The relevance of ethics in ICT.
- Module 2 Role of a project manager, skills required to manage a project and the importance of communications in all its forms
- Preparing A Project proposal, making A business case and managing stakeholders
- creating A work breakdown structure, Estimating time and costs, Preparing schedules using Standard tools and techniques used in The industry
- Monitoring and managing quality, risks and Continuous process improvement
- teamwork and leadership
- personal Project management
- Module 3 Legal aspects of ICT copyright, privacy, freedom of information, intellectual property, 'white collar' crime, property damage, fraud, theft, bad advice, incompetence, law of contract, trade practices.
- legal Issues and It Regulatory compliance
- Usability and quality assurance of It applications
- social and indigenous Issues and considerations in ICT

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task	Mandatory
Short Answer	8-10 pages each module	30	N	Individual	Y
Proposal	Report 25-30 pages	30	N	Group	Y
Final Exam	60 minutes	40	Y	Individual	Y

Prescribed Texts

- Cadle, J. & Yeates, D. (2008). Project management for information systems (5th ed.). Harlow, England: Pearson/Prentice Hall.
- McDermid, D. (Ed.). (2008). Ethics in ICT: An Australian perspective. Frenchs Forest, NSW: Pearson Education Australia.

Teaching Periods

Autumn (2025)

Campbelltown

Hybrid

Subject Contact Heidi Bjering (<https://directory.westernsydney.edu.au/search/name/Heidi Bjering/>)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFO3008_25-AUT_CA_3#subjects)

Penrith (Kingswood)

Hybrid

Subject Contact Heidi Bjering (<https://directory.westernsydney.edu.au/search/name/Heidi Bjering/>)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFO3008_25-AUT_KW_3#subjects)

Online

Online

Subject Contact Heidi Bjering (<https://directory.westernsydney.edu.au/search/name/Heidi Bjering/>)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFO3008_25-AUT_ON_2#subjects)

Parramatta - Victoria Rd

Hybrid

Subject Contact Heidi Bjering (<https://directory.westernsydney.edu.au/search/name/Heidi Bjering/>)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=INFO3008_25-AUT_PS_3#subjects)