



Course Outline (Higher Education)

School:	School of Engineering, Information Technology and Physical Sciences
Course Title:	PROFESSIONALISM AND ENTREPRENEURSHIP
Course ID:	ITECH3002
Credit Points:	15.00
Prerequisite(s):	(ITECH2004 and ITECH2250)
Co-requisite(s):	Nil
Exclusion(s):	(ITECH3203)
ASCED:	029999

Description of the Course:

This course provides students with a knowledge of ethical theories, including the ACS code of ethics, management, leadership and entrepreneurial skills, and business and IT professional practice skills. These skills are interpreted and applied to solve a range of complex social, legal and ethical dilemmas resulting from technological innovation. Particular focus is applied to the professional and innovative utilisation and management of data and systems software.

Grade Scheme: Graded (HD, D, C, P, MF, F, XF)

Work Experience:

No work experience: Student is not undertaking work experience in industry.

Placement Component: No

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the course but gained a final mark of 45 per cent or above and submitted all major assessment tasks.

Program Level:

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Advanced	■	■	✓	■	■	■

Learning Outcomes:

Knowledge:

- K1.** Undertake a comparative review of various types of ethical theories and their application in diverse professional IT contexts.
- K2.** Review and interpret the principles of the Australian Computer Society Code of Ethics within IT professional practice.
- K3.** Investigate a range of complex social, legal and ethical problems which are a likely result of technological innovation.
- K4.** Examine trends, opportunities and challenges of technology driven entrepreneurship in local, national and global markets.

Skills:

- S1.** Apply management, leadership and entrepreneurial skills to solve problems in professional IT contexts.
- S2.** Employ business and project management skills to manage teams, negotiate and resolve conflict in a range of complex IT professional practice situations.
- S3.** Draw on relevant ethical theories, and the Australian Computer Society Code of Ethics, to make complex ethical decisions in a professional IT context.

Application of knowledge and skills:

- A1.** Demonstrate communication skills to present a clear, coherent and independent exposition of knowledge and ideas in dealing with ethical issues in an IT professional work environment.
- A2.** Synthesise knowledge from a variety of sources on a particular topic related to complex social, legal and ethical problems in a professional environment.

Course Content:

Topics may include:

- Ethical, social and legal issues in IT professional practice. These may include security, privacy, freedom of speech, censorship, intellectual property, artificial intelligence, role of government and judiciary, copyright and cybercrime.
- Australian Computer Society Code of Ethics.
- IT business and professional practice skills. These may include report writing, interview skills, team skills, negotiation, conflict resolution, presentation, outsourcing, consulting, quality assurance, certification and globalisation.
- IT management, leadership and entrepreneurship.
- IT project management as a career.

Values:

- V1.** Value and understand the legal, social and ethical issues involved in IT professional practice within local, national and international contexts.
- V2.** Appreciate the importance of developing and maintaining professional skills in a contemporary IT work environment.

Graduate Attributes

The Federation University FedUni graduate attributes (GA) are entrenched in the [Higher Education Graduate Attributes Policy](#) (LT1228). FedUni graduates develop these graduate attributes through their engagement in explicit learning and teaching and assessment tasks that are embedded in all FedUni programs. Graduate attribute attainment typically follows an incremental development process mapped through program progression. **One or more graduate attributes must be evident in the specified learning outcomes and assessment for each FedUni course, and all attributes must be directly assessed in each program**

Graduate attribute and descriptor		Development and acquisition of GAs in the course	
		Learning Outcomes (KSA)	Assessment task (AT#)
GA 1 Thinkers	Our graduates are curious, reflective and critical. Able to analyse the world in a way that generates valued insights, they are change makers seeking and creating new solutions.	K1-K4, S1-S3, and A2	1, 2, 3, 4, and 5
GA 2 Innovators	Our graduates have ideas and are able to realise their dreams. They think and act creatively to achieve and inspire positive change.	K3-K4, S1-S3, A1 and A2	1, 2, 3, 4 and 5
GA 3 Citizens	Our graduates engage in socially and culturally appropriate ways to advance individual, community and global well-being. They are socially and environmentally aware, acting ethically, equitably and compassionately.	K4, S1-S3 and A1.	1, 2 and 4
GA 4 Communicators	Our graduates create, exchange, impart and convey information, ideas, and concepts effectively. They are respectful, inclusive and empathetic towards their audience, and express thoughts, feelings and information in ways that help others to understand.	K4, S3 and A1.	1, 2, 3, and 4
GA 5 Leaders	Our graduates display and promote positive behaviours, and aspire to make a difference. They act with integrity, are receptive to alternatives and foster sustainable and resilient practices.	S1-S3.	1, 2, 3, and 4

Learning Task and Assessment:

Students will need to critically evaluate aspects of different ethical, social and legal issues in IT. Students will need to research additional material other than that assigned to deliver a satisfactory classroom presentation. Preparation for classroom discussions on lectures by carefully reading references and other materials is essential.

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, K3, K4, S1, S2, S3, A1 and A2.	Class activities, lectures, self-directed or group exploration.	Tutorial(s)/Exercise(s)/Assignment(s)	70%-90%

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, K3, K4, S1, S2, S3 and A2.	Participate in all learning activities, review and practice of skills and knowledge.	Presentation(s)/Test(s)/Examination(s)	10% - 30%

Adopted Reference Style:

APA

Refer to the [library website](#) for more informationFed Cite - [referencing tool](#)