Course Outline

Title: PROFESSIONAL DEVELOPMENT

Code: ITECH3203

Formerly: CP704

Faculty / Portfolio: Faculty of Science

Program Level:

	AQF Level of Program					
	5	**6**	**7**	**8**	**9**	**10**
Level						
Introductory						
Intermediate						
Advanced			✔			

Pre-requisites: (ITECH 1001 and at least 7 computing courses)

Co-requisites: Nil

Exclusions: (CP704 and CP864 and ITECH7203)

Progress Units: 15

ASCED Code: 029999

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. Recognise the nexus between business knowledge and IT professional practice at operational and strategic levels within a global context.

K4. Discuss solutions to complex social, legal and ethical problems which are a likely result of technological innovation.

Skills:

S1. Apply management, leadership and entrepreneurial skills to solve problems in professional IT contexts.

S2. Employ 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

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> exposition of knowledge and ideas in dealing with ethical issues in an IT professional work environment.

A2. Synthesize knowledge from a variety of sources on a particular topic related to complex social, legal and ethical problems in a professional environment.

Values and Graduate Attributes:

Values:

V1. Value and understand the legal, social and ethical issues involved in IT professional practice within a cultural context.

V2. Appreciate the importance of developing and maintaining professional skills in a contemporary IT work environment.

Graduate Attributes:

Attribute	Brief Description	Focus
Continuous Learning	In a blended learning approach facilitated by the use of contemporary industry based case studies requiring planning, development and application of ethical and business processes students will continue to develop their knowledge and skills.	High
Self Reliance	Students will participate in a self-directed and collaborative learning environment to develop their theoretical and technical expertise in a range of professional IT contexts.	High
Engaged Citizenship	Students will engage with the IT business community to develop an understanding of contemporary challenges in the IT workforce.	High
Social Responsibility	Students will apply ethical practices to make decisions and produce quality outcomes in a range of technology development scenarios.	High

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 and Code of Conduct.
- 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.
- Project management and IT as a career.

Assessment:

Students will need to evaluate critically 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	Assessment Task	Assessment Type	Weighting

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K1, K3, K4, A1, A2, S1, S2 and S3	Class activities, lectures, self-directed or group exploration	Exercises/Assignments	40 - 50%
K1-K4, S1, S2 and A1	Review and practice of skills and knowledge	Tests/Examination(s)	50 - 60%

Adopted Reference Style:

APA

Presentation of Academic Work:

https://federation.edu.au/students/assistance-support-and-services/academic-support/general-guide-for-the-presentation-of-academic-work