

Course Outline

Title: INDUSTRY AWARENESS

Code: ITECH2104

Formerly: CP602

Faculty / Portfolio: Faculty of Science

Program Level:

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

Pre-requisites: (4 courses of study in CI5)

Co-requisites: Nil

Exclusions: (CP602)

Progress Units: 15

ASCED Code: 029999

Learning Outcomes:

Knowledge:

- K1.** define and describe corporate culture;
- K2.** define and identify the principles of security, standards compliance and incident responses;
- K3.** define and describe characteristics of projects including requirements, development, testing and management;
- K4.** describe the term IT Architecture, its artifacts and understand the importance of making decisions by IT Architects;
- K5.** explain business controls and audits;

Skills:

- S1.** set realistic career goals;
- S2.** manage time effectively;
- S3.** utilise business problem solving techniques through various technologies;
- S4.** exhibit understanding of investigated business topic through oral and visual presentations
- S5.** apply annotated bibliography on a specific business topic;

Application of knowledge and skills:

- A1.** demonstrate initiative and judgement of becoming valuable IT professionals with ability

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to apply ICT technologies and techniques to unique and diverse clients;

Values and Graduate Attributes:

Values:

- V1. appreciate the professional standards expected from workers in the information technology profession.
- V2. relate and interpret emerging technologies to ever increasing business needs

Graduate Attributes:

Attribute	Brief Description	Focus
Continuous Learning	In a blended learning approach facilitated by the use of contemporary industry based problems requiring planning, development and maintenance of software solutions, students will continue to develop their knowledge and skills.	Medium
Self Reliance	Students will participate in a self-directed and collaborative learning environment to develop their theoretical and technical expertise in their field of endeavour including system and customer based IT roles.	Medium
Engaged Citizenship	Students will produce reports, which meet industry design and accessibility standards.	Medium
Social Responsibility	Students will use industry standard software and development techniques to deploy rigorously tested quality software solutions.	Medium

Content:

Topics may include:

- Corporation culture, diversity, career planning, leadership, customer relationship management, intellectual capital management, risk management, risk analysis, organisational types, contracts, project methods, performance feedback, business and solution modelling, structured interviewing, time management, analysis of use of time, problem solving foundations, decision making fundamentals, brainstorming, coping with stress, keeping your balance.

Assessment:

Students will attend lectures, seminars, and group presentations. They will undertake self-directed reading, reviewing a case study topic, conduct a group presentation and write a report in conjunction with an annotated bibliography.

Learning Outcomes Assessed	Assessment Task	Assessment Type	Weighting
S1, S2, A1, K1, K4, K5	Research and read reference materials, attend and participate in tutorials and group discussions.	Assignments and exercises	40 - 50 %
S3, S4, S5, K2, K3, S2	Case Study, applications and implications of various business practices to information technology professionals.	Examination(s)	50 - 60%

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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>