



Course Outline (Higher Education)

School:	School of Engineering, Information Technology and Physical Sciences
Course Title:	PROFESSIONAL RESEARCH AND COMMUNICATION
Course ID:	ITECH5500
Credit Points:	15.00
Prerequisite(s):	(ITECH1100)
Co-requisite(s):	Nil
Exclusion(s):	(ITECH5401)
ASCED:	029999

Description of the Course :

This course provides students with the skills for undertaking IT research in academic and organisational contexts. Students will investigate communication theories and apply these in a range of organisational situations. Students will practise and refine their English writing skills, and develop a proposal for an organisational IT research project. The emphasis will be evaluating existing literature related to the organisational IT project, understanding various approaches to solving the problem, writing up, and delivery of a presentation on the organisational IT project.

Grade Scheme: Graded (HD, D, C, etc.)

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 checked="" type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:**Knowledge:**

- K1.** Determine the role IT research plays in contributing to organisational innovation, and success.
- K2.** Critique advanced communication theory for organisations.
- K3.** Identify appropriate research philosophies for IT projects, which match organisational approaches.
- K4.** Identify appropriate methodologies and methods, for an organisational IT research project.

Skills:

- S1.** Utilise effective communication practice in organisations.
- S2.** Demonstrate expert English language skills in academic and professional contexts.
- S3.** Evaluate the quality and utility of literature sourced.
- S4.** Undertake a literature review for an organisational IT research project.

Application of knowledge and skills:

- A1.** Compose a research proposal and report on a topic related to an organisational IT research project.
- A2.** Present written and oral reports to academic and organisational audiences.

Course Content:

Topics may include:

- Understanding research.
- Role of IT research in an organisational context.
- Managerial value of organisational IT research.
- Communication theory for organisations.
- Communication practice in organisations.
- Academic and professional English language skills.
- Developing a research proposal.
- Literature review.
- Research philosophy.
- OH&S and ethics for organisational IT research.
- Research methodologies.
- Research methods.
- Writing up academic and organisational IT research.
- Presentations for academic and organisational IT research.

Values:

- V1.** Pursue and value complex knowledge, scholarship, creativity and acquisition of new ideas in an organisational context.
- V2.** Value the contribution and application of IT research knowledge within organisations and the wider community.

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)	Code A. Direct B. Indirect N/A Not addressed	Assessment task (AT#)	Code A. Certain B. Likely C. Possible N/A Not likely
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, K3, K4, S3, S4 and A1	A	1, 3 and 4.	A
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.	K4 and A1	A	1, 3 and 4.	A
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.	B	3 and 4.	B
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.	K2, S1, S2, A1 and A2	A	1, 2 and 3.	A
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.	Not applicable	N/A	Not applicable	N/A

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, K3, K4, S3 & S4	Class activities, seminars, guided reading, discussion, analysis of research papers, and industry reports.	Exercises/Assignment(s).	10% - 20%
S1, S2 & A2	Demonstration of advanced professional communication skills via presentation of research proposal and/or project to an audience.	Presentation(s).	10% - 20%
K1, K3, K4, S3, S4 & A1	Analyse, and synthesise subject knowledge and research proposal, research aim, questions, methodology, methods, proposed analysis and outcomes with application to a industry based research area of interest.	Research Report(s).	30% - 50%
K1, K2, K3, K4 & A3	Test	Test	30% - 50%

Adopted Reference Style:

APA