



Course Outline (Higher Education)

School:	School of Engineering, Information Technology and Physical Sciences
Course Title:	COMMUNICATIONS AND TECHNOLOGY
Course ID:	ITECH1001
Credit Points:	15.00
Prerequisite(s):	(BCS)
Co-requisite(s):	Nil
Exclusion(s):	(CP540 and CP839 and ITECH5001)
ASCED:	029999

Description of the Course :

This course is designed to develop students` abilities to communicate effectively using appropriate technology, to manage and organise time, to solve problems related to information and communication technology and to work independently and in teams.

The course also contains a hurdle task which requires students to get involved with their local IT community through attendance and participation in events, such as seminars, workshops, expos, discussion forums etc. The aim is to provide students with a broad understanding of the IT industry, its research foundations and its place in servicing society.

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	■	■	✓	■	■	■

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

Learning Outcomes:

Knowledge:

- K1.** outline professional and ethical responsibilities relating to academic conduct and the workplace;
- K2.** identify and explain key features of effective communication in a variety of forms;
- K3.** recognise appropriate referencing styles for academic writing;
- K4.** show an understanding of the norms involved with collaboration and team work;
- K5.** identify the Australian Computer Society`s (ACS) Core Body of Knowledge (CBOK) and where it is represented in industry practice.
- K6.** discuss the Skills Framework for the Information Age (SFIA) and how it is reflected in industry practice.

Skills:

- S1.** choose from a range of effective communication strategies for diverse groups and cultures;
- S2.** deliver effective oral presentations to an audience;
- S3.** write professional letters, memos and reports using correct structure, grammar and spelling;
- S4.** identify and apply concepts of visual design to appropriate communication situations;
- S5.** analyse and link the ACS`s CBOK and SFIA to industry practice.

Application of knowledge and skills:

- A1.** demonstrate initiative and judgement in communicating with diverse groups and cultures;
- A2.** display confidence in identifying wide-ranging relevant research materials for a particular topic;
- A3.** discuss the importance of evaluating and referencing sources of information
- A4.** apply appropriate technology to work independently, in teams, and to facilitate group work including written work and effective communication.
- A5.** critique research and industry practice and determine your place in the spectrum of career possibilities.

Course Content:

Topics may include:

- Transitioning into academia
- Effective communication including the relevant use of technology
- Oral communication.
- Written communication.
- Individual work.
- Team work.
- Reflection and evaluation.
- Time management.
- IT and related industry activity and research developments in the local community, and around the globe; ACS`s CBOK, SFIA and their relationship with industry; Career pathways.

Values:

- V1.** appreciate that learning and self-development are one`s own responsibility;
- V2.** appreciate that learning and self-development is a lifelong practice.
- V3.** recognise the importance of research to the development and progress of the IT industry.
- V4.** value IT as an underlying transformative technology to all of society in the information and immersive ages.
- V5.** appreciate your career possibilities and how they can be achieved.
- V6.** appreciate the range of problems faced by industry practitioners and how problem solving skills learnt may be applied in the industry context.
- V7.** appreciate how theory and practice learnt is applied in industry.

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, K4, K5, K6, A2, A5	B.	AT1-4	N/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.	K1, K4, K5, K6, A2, A5	B.	AT1-4	N/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.	K5, K6, A5	B.	AT1-4	N/A
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.	K1-5, S1-4, A1-4	A.	AT1-4	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.	K1, K4-6, S1, S4-6, A1,A3-5	B.	AT1-4	C.

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, K3, K4, S1, S2, S4, A1, A4	Improve public speaking skills, confidence, professionalism and presentation ability with the use of presentation technology	Individual and/or group presentations	10% - 20%
K1, K2, K3, K4, S3, A2, A3, A4	Improve academic writing, research skills and encourage self-directed learning using appropriate technology and tools	Group reports, written assignments, project reports, tutorial work.	20% - 40%
K1, K2, K3, K4, S1, S3, A3	Review and skills practice	Tests/Examination(s)	40% - 60%
K5-6, S5, A5	Artifact demonstrating a community engagement activity. This report will describe the activity and relate it to the course's learning outcomes, CBOK and SFIA.	Journal	Satisfactory/Unsatisfactory

Adopted Reference Style:

APA