



# Course Outline (Higher Education)

|                         |   |
|-------------------------|---|
| <b>School:</b>          | School of Engineering, Information Technology and Physical Sciences |
| <b>Course Title:</b>    | IT PROFESSIONAL ENGAGEMENT  |
| <b>Course ID:</b>       | ITECH3000   |
| <b>Credit Points:</b>   | 0.00  |
| <b>Prerequisite(s):</b> | Nil   |
| <b>Co-requisite(s):</b> | Nil   |
| <b>Exclusion(s):</b>    | Nil   |
| <b>ASCED:</b>           | 029999  |

## Description of the Course:

Students participate in this compulsory course throughout their entire Bachelors or Masters program of study. During this course students will get involved with their local IT community through attendance and participation in events, such as seminars, workshops, expos, discussion forums etc. Where possible students will also participate in short term work experience or longer term work placements. This course is unique in that it allows students to craft their own personal experience. The aim is to provide students with a broad understanding of the IT industry, its research foundations and its place in servicing society. This course is open to students to find the activities that provide them the best transition into the workplace and allows them to connect with the area of the IT industry they are most interested. Finally, this course allows students to build a picture of what a career may look like in the domain of their choosing.

**Grade Scheme:** Ungraded (S, UN)

## 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"/> |
| Intermediate               | <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"/> |

## Learning Outcomes:

### Knowledge:

- K1.** Identify the Australian Computer Society`s (ACS) Core Body of Knowledge (CBOK) and where it is represented in industry practice.
- K2.** Discuss the Skills Framework for the Information Age (SFIA) and how it is reflected in industry practice.

**Skills:**

- S1.** Analyse and link the ACS`s CBOK and SFIA to industry practice.

**Application of knowledge and skills:**

- A1.** Critique research and industry practice and determine your place in the spectrum of career possibilities.

**Course Content:**

This course is unique in that it allows students to craft their own personal experience. The aim is to provide students with a broad understanding of the IT industry, its research foundations and its place in servicing society. This course allows students to find their own area of interest and build a picture of what a career may look like in that domain.

Topics may include:

- IT and related industry activity in the local community.
- Industry and research developments around the globe.
- ACS`s CBOK, SFIA and their relationship with industry.
- Career pathways.

**Values:**

- V1.** Recognise the importance of research to the development and progress of the IT industry.
- V2.** Value IT as an underlying transformative technology to all of society in the information and immersive ages.
- V3.** Appreciate your career possibilities and how they can be achieved.
- V4.** Appreciate the range of problems faced by industry practitioners and how problem solving skills learnt may be applied in the industry context.
- V5.** 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)                          | Assessment task (AT#) |
|                                   |  |                       |

| 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.  | A1   | 1                     |
| 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.   | A1   | 1                     |
| 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.                                       | A1   | 1                     |
| 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. | A1   | 1                     |
| 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.   | A1   | 1                     |

### Learning Task and Assessment:

To satisfactorily complete this course students doing this course must achieve two (2) `engagement` points per semester of equivalent full-time study - therefore a standard three (3) year full-time Bachelor`s student will require 12 engagement points during their program of study. There is a two step process in achieving an engagement point:

- Attend or participate in an engagement activity. Some examples of activities would be attending seminars run by the University (Industry or research), Councils, ACS, NICTA, community groups, workshops, expos and/or where available participating in short work experience or long work placements. This course is intentionally open for students to find the activities that best serves them to connect with the area of the IT industry in which they are interested in pursuing. Each tasks is worth one (1) engagement point, except where otherwise indicated or negotiated with relevant staff. eg work placements will be negotiated based on the task and duration of the task.
- After completing an engagement task students will only earn the point when they have documented the task and mapped it to Australian Computer Society`s (ACS) Core Body of Knowledge (CBoK) and Skills Framework for the Information Age (SFIA) skills.

Authorised staff will confirm earned engagement points at the completion of each semester.

| Learning Outcomes Assessed | Learning Tasks   | Assessment Type | Weighting                   |
|----------------------------|--|-----------------|-----------------------------|
| K1-2, S1, A1               | Artifact demonstrating community engagement activities submitted each semester. This report will describe each activity and relate it to each of the course`s learning outcome, CBOK and SFIA. | Journal         | Satisfactory/Unsatisfactory |

### Adopted Reference Style:

APA

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)