# Course Outline (Higher Education)

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| **Institute / School:** | Institute of Innovation, Science & Sustainability |
| **Course Title:** | INDUSTRY EXPERIENCE 1 |
| **Course ID:** | ITECH2311 |
| **Credit Points:** | 15.00 |
| **Prerequisite(s):** | (At least 8 computing courses) |
| **Co-requisite(s):** | Nil |
| **Exclusion(s):** | Nil |
| **ASCED:** | 029999 |

**Description of the Course:**

The focus of this course is to provide students with the opportunity to apply theoretical knowledge to experiential learning in a computer-related industry setting. Students will identify a focus area or topic, formulate a thesis, conduct research and present an academic report that demonstrates iterative reflection and synthesis of theory, research and workplace practice.

**Grade Scheme:**          Graded (HD, D, C, P, MF, F, XF)

**Work Experience:**

Wholly by work experience with Charge: Student is undertaking work experience in industry where learning and performance is not directed by the provider, but support is received from the provider.

**Placement Component:**          Yes

**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 | | | | | | |
| Intermediate | | | ✔ | | | |
| Advanced | | | | | | |

**Learning Outcomes:**

**Knowledge:**

**K1.** Develop a thesis or argument that focusses on a chosen topic to investigate in a computing related workplace setting.

**K2.** Analyse and investigate issues that relate to the work environment.

**K3.** Synthesize, compare and contrast information from a variety of sources - academic and experiential.

**Skills:**

**S1.** Communicate effectively with a variety of audiences such as customers, clients and/ or colleagues

**S2.** Prepare and present verbal and written reports aimed at various audiences (i.e. managers, colleagues, customers)

**S3.** Work effectively in an organisation both individually and collaboratively in teams

**Application of knowledge and skills:**

**A1.** Prepare and deliver a presentation on a selected topic relating work experience to academic research.

**A2.** Write an academic report on a chosen topic relating work experience to academic research.

**Course Content:**

This course will comprise a substantial engagement with in an approved computer related workplace environment, together with a report or journal (1500-2000 words) reflecting on the tasks performed, an annotated bibliography of selected reference materials, a paper (at least 2000 words) relating the work experience to recent literature on a relevant topic, and a presentation detailing the work experience in connection with the research. Approval from the relevant course coordinator must be obtained prior to enrolling in this course.

**FEDTASKS**

Federation University Federation recognises that students require key transferable employability skills to prepare them for their future workplace and society. FEDTASKS (**T**ransferable **A**ttributes **S**kills and **K**nowledge) provide a targeted focus on five key transferable Attributes, Skills, and Knowledge that are be embedded within curriculum, developed gradually towards successful measures and interlinked with cross-discipline and Co-operative Learning opportunities. *One or more FEDTASK, transferable Attributes, Skills or Knowledge must be evident in the specified learning outcomes and assessment for each FedUni course, and all must be directly assessed in each program.*

| FEDTASK attribute and descriptor | Development and acquisition of FEDTASKS in the course | |
| --- | --- | --- |
| | Learning Outcomes (KSA) | Assessment task (AT#) |

| FEDTASK attribute and descriptor | | Development and acquisition of FEDTASKS in the course | |
| --- | --- | --- | --- |
| | | Learning Outcomes (KSA) | Assessment task (AT#) |
| FEDTASK 1 Interpersonal | Students will demonstrate the ability to effectively communicate, interact and work with others both individually and in groups. Students will be required to display skills in-person and/or online in:<br>• Using effective verbal and non-verbal communication<br>• Listening for meaning and influencing via active listening<br>• Showing empathy for others<br>• Negotiating and demonstrating conflict resolution skills<br>• Working respectfully in cross-cultural and diverse teams. | S1 | AT2 |
| FEDTASK 2 Leadership | Students will demonstrate the ability to apply professional skills and behaviours in leading others. Students will be required to display skills in:<br>• Creating a collegial environment<br>• Showing self -awareness and the ability to self-reflect<br>• Inspiring and convincing others<br>• Making informed decisions<br>• Displaying initiative | Not applicable | Not applicable |
| FEDTASK 3 Critical Thinking and Creativity | Students will demonstrate an ability to work in complexity and ambiguity using the imagination to create new ideas. Students will be required to display skills in:<br>• Reflecting critically<br>• Evaluating ideas, concepts and information<br>• Considering alternative perspectives to refine ideas<br>• Challenging conventional thinking to clarify concepts<br>• Forming creative solutions in problem solving | K1 | AT1 |
| FEDTASK 4 Digital Literacy | Students will demonstrate the ability to work fluently across a range of tools, platforms and applications to achieve a range of tasks. Students will be required to display skills in:<br>• Finding, evaluating, managing, curating, organising and sharing digital information<br>• Collating, managing, accessing and using digital data securely<br>• Receiving and responding to messages in a range of digital media<br>• Contributing actively to digital teams and working groups<br>• Participating in and benefiting from digital learning opportunities | Not applicable | Not applicable |
| FEDTASK 5 Sustainable and Ethical Mindset | Students will demonstrate the ability to consider and assess the consequences and impact of ideas and actions in enacting ethical and sustainable decisions. Students will be required to display skills in:<br>• Making informed judgments that consider the impact of devising solutions in global economic environmental and societal contexts<br>• Committing to social responsibility as a professional and a citizen<br>• Evaluating ethical, socially responsible and/or sustainable challenges and generating and articulating responses<br>• Embracing lifelong, life-wide and life-deep learning to be open to diverse others<br>• Implementing required actions to foster sustainability in their professional and personal life. | A2 | AT1 |

**Learning Task and Assessment:**

This course is designed to provide students with the opportunity to put into practice the theory taught in the

program through undertaking computer related work experience during vacation periods and/or normal semesters. To complete the course successfully students will typically complete a 150 hours work in an approved computer related work area; submit a paper (1500-2000 words) relating the work experience to recent literature on a relevant topic; submit an annotated bibliography of reference materials perused in preparing the above-mentioned paper. (Must include at least three references from the current or previous year.); and complete a presentation detailing the work experience.

| Learning Outcomes Assessed | Assessment Tasks | Assessment Type | Weighting |
|---|---|---|---|
| K1, K2, S2, A2, K4 | Research current literature. Reflect on workplace experience. | Assignments and reports. | 60% - 80% |
| K1, K2, S1, S4, A1 | Prepare and deliver a professional standard presentation. | Presentation | 20% - 40% |

**Adopted Reference Style:**

APA

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

Fed Cite - [referencing tool](#)