

# Unit Outline (Higher Education)

**Institute / School:** Institute of Innovation, Science & Sustainability

**Unit Title:** Leadership in IT Project Management

**Unit ID:** ITECH7401

**Credit Points:** 15.00

**Prerequisite(s):** (ITECH1100 or ITECH5100 or ITECH5207)

**Co-requisite(s):** Nil

**Exclusion(s):** Nil

**ASCED:** 029999

**Description of the Unit:**

This course provides the opportunity to gain knowledge and skills to lead successful IT projects in line with project management standards and methodologies. You will investigate the alignment of projects to organisational strategic objectives, explore features of successful projects and determine strategies to mitigate risk of failure. You will adopt the role of leader to develop skills such as team building, delegation, and negotiation techniques to lead a successful project. You will also be expected to prepare written documentation and provide verbal project progress reports.

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

**Work Experience:**

No work experience

**Placement Component:** No

**Supplementary Assessment:** Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above, has completed all major assessment tasks (including all sub-components where a task has multiple parts) as specified in the Unit Description and is not eligible for any other form of supplementary assessment.

**Course Level:**

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Learning Outcomes:

#### Knowledge:

- K1.** Analyse and evaluate various project management methodologies utilised on IT projects.
- K2.** Demonstrate how to strategically align IT projects to organisational objectives.
- K3.** Investigate and implement strategies for coordinating the standard for project management.
- K4.** Understand and manage project success through exploration and implementation of the project management body of knowledge.
- K5.** Research and critique current and future issues in IT project management in a global context.

#### Skills:

- S1.** Apply theoretical and practical techniques to lead a successful IT project through a project lifecycle including risk mitigation, reporting and stakeholder management.
- S2.** Demonstrate leadership skills including, team building, delegation and negotiation techniques and performance management approaches for IT projects
- S3.** Utilise decision making and problem solving approaches to resolve and pre-empt range of problems on IT projects
- S4.** Apply delegation and negotiation techniques in order to manage organisations, stakeholders, and team members on IT projects.
- S5.** Critique contemporary IT industry practices/presentations relevant to IT leadership approaches, and relate them to professional standards and your own career aspirations

#### Application of knowledge and skills:

- A1.** Construct written and verbal approaches to developing and presenting IT project documentation.
- A2.** Implement the standard for project management approach and the project management body of knowledge to manage IT projects.

#### Unit Content:

Topics may include:

1. Project management methodologies - agile and traditional.
2. Project selection techniques.
3. Strategic alignment of IT projects.
4. Organisational structures.
5. Project job roles.
6. Project problem solving.
7. Project decision making.
8. Project delegation.
9. Standard for project management.
10. Project management body of knowledge.
11. Global IT project management.
12. Current and future issues in ITPM.

## 13. ACS's CBOK, SFIA and IT project management.

**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**tttributes **S**kills and **K**nowledge) provide a targeted focus on five key transferable Attributes, Skills, and Knowledge that are 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 Unit, and all must be directly assessed in each Course.*

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 1 Interpersonal	Students at this level will demonstrate an advanced ability in a range of contexts to effectively communicate, interact and work with others both individually and in groups. Students will be required to display high level skills in-person and/or online in: <ul style="list-style-type: none"> <li>• Using and demonstrating a high level of verbal and non-verbal communication</li> <li>• Demonstrating a mastery of listening for meaning and influencing via active listening</li> <li>• Demonstrating and showing empathy for others</li> <li>• High order skills in negotiating and conflict resolution skills</li> <li>• Demonstrating mastery of working respectfully in cross-cultural and diverse teams.</li> </ul>	Not applicable	Not applicable
FEDTASK 2 Leadership	Students at this level will demonstrate a mastery in professional skills and behaviours in leading others. <ul style="list-style-type: none"> <li>• Creating and sustaining a collegial environment</li> <li>• Demonstrating a high level of self-awareness and the ability to self-reflect and justify decisions</li> <li>• Inspiring and initiating opportunities to lead others</li> <li>• Making informed professional decisions</li> <li>• Demonstrating initiative in new professional situations.</li> </ul>	Not applicable	Not applicable
FEDTASK 3 Critical Thinking and Creativity	Students at this level will demonstrate high level skills in working in complexity and ambiguity using the imagination to create new ideas. Students will be required to display skills in: <ul style="list-style-type: none"> <li>• Reflecting critically to generate and consider complex ideas and concepts at an abstract level</li> <li>• Analysing complex and abstract ideas, concepts and information</li> <li>• Communicate alternative perspectives to justify complex ideas</li> <li>• Demonstrate a mastery of challenging conventional thinking to clarify complex concepts</li> <li>• Forming creative solutions in problem solving to new situations for further learning.</li> </ul>	Not applicable	Not applicable
FEDTASK 4 Digital Literacy	Students at this level will demonstrate the ability to work competently across a wide range of tools, platforms and applications to achieve a range of tasks. Students will be required to display skills in: <ul style="list-style-type: none"> <li>• Mastering, exploring, evaluating, managing, curating, organising and sharing digital information professionally</li> <li>• Collating, managing complex data, accessing and using digital data securely</li> <li>• Receiving and responding professionally to messages in a range of professional digital media</li> <li>• Contributing competently and professionally to digital teams and working groups</li> <li>• Participating at a high level in digital learning opportunities.</li> </ul>	Not applicable	Not applicable

FEDTASK attribute and descriptor		Development and acquisition of FEDTASKS in the Unit	
		Learning Outcomes (KSA)	Assessment task (AT#)
FEDTASK 5 sustainable and Ethical Mindset	Students at this level will demonstrate a mastery of considering and assessing the consequences and impact of ideas and actions in enacting professional ethical and sustainable decisions. Students will be required to display skills in: <ul style="list-style-type: none"> <li>• Demonstrate informed judgment making that considers the impact of devising complex solutions in ambiguous global economic environmental and societal contexts</li> <li>• Professionally committing to the promulgation of social responsibility</li> <li>• Demonstrate the ability to evaluate ethical, socially responsible and/or sustainable challenges and generating and articulating responses</li> <li>• Communicating lifelong, life-wide and life-deep learning to be open to the diverse professional others</li> <li>• Generating, leading and implementing required actions to foster sustainability in their professional and personal life</li> </ul>	Not applicable	Not applicable

### Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, K4, K5, S1, S2, S3, S4, S5, A1, A2	Develop skills in the analysis and practical application of theoretical content introduced.	Tutorial learning activities	20% - 30%
K2, K3, K4, S2, A1	Communicate research findings using verbal and visually engaging presentation approaches.	Presentation	10% - 20%
K1, K2, K3, K4, K5, S1, S2, S3, S4, S5, A1, A2	Conduct research, apply theoretical concepts, review and analyse organisational requirements.	Assignment(s)	30% - 40%
K1, K2, K3, K4, S1, S3, S4	Participate in lectures and labs/tutorials, read and summarise theoretical and practical aspects of the course.	Final Test	20% - 30%

### Adopted Reference Style:

APA ()

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

Fed Cite - [referencing tool](#)