Unit Outline (Higher Education)

Institute / School:	Institute of Innovation, Science & Sustainability
Unit Title:	IT Applications for Business
Unit ID:	ITECH3508
Credit Points:	15.00
Prerequisite(s):	(ITECH2502)
Co-requisite(s):	Nil
Exclusion(s):	Nil
ASCED:	020399

Description of the Unit:

This unit encompass a wide range of IT applications that businesses can leverage for improving processes, enhancing productivity, and driving growth. Emphasising business process modelling and integration in Enterprise Applications, the unit will build on tools and techniques to support a business processes transformation journey. We will examine various IT applications, business processes, and methods/models to enhance decision-making, streamline operations, and create value for organisations.

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

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 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	☐	☐	☐	☐	☐	☐

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	5	**6**	**7**	**8**	**9**	**10**
Intermediate						
Advanced			✔			

Learning Outcomes:

Knowledge:

K1. Evaluate graphical models of business processes in Enterprise Applications.

K2. Analyse opportunities for business process automation.

K3. Investigate the strategic process management skills necessary for aligning process architectures with organisational goals and strategies.

K4. Adapt organisational policies, standards, and guidelines for change management.

Skills:

S1. Facilitate understanding of gaps and opportunities using graphical models of business processes in Enterprise Applications.

S2. Execute and model business processes in Enterprise Applications.

S3. Redesign business processes to identify alternative solutions to improve efficiency, effectiveness and exploit new technologies and automation.

S4. Implement methods and tools for improving business process improvement with ICT.

Application of knowledge and skills:

A1. Develop a holistic model of an organisation's business processes within and outside the scope of Enterprise Applications.

Unit Content:

Topics may include:

- Enterprise Resource Planning (ERP) Systems
- Customer Relationship Management (CRM) Systems
- Supply Chain Management (SCM) Systems
- Business Intelligence (BI) and Analytics for business processes.
- E-commerce and Online Transaction Systems
- Business Process Automation
- Knowledge Management Systems
- Enterprise Content Management (ECM) Systems
- Enterprise Application Integration

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, S1, S2	Work as part of a team to execute and model an organization's business process.	Practical System Use and Reflection	40-50%

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K3, K4, S3, S4, A1	Develop and present a roadmap for a business process transformation journey that includes redesigned business processes, and the implementation of methods, tools, solutions, and guidelines for the exploitation of existing technology and the exploration of new technologies.	Report and Presentation	50-60%

Adopted Reference Style:

Refer to the library website for more information

Fed Cite - referencing tool