

Course Outline (Higher Education)

Institute / School: Institute of Innovation, Science & Sustainability

Course Title: ENTERPRISE DEVELOPMENT SAP

Course ID: ITECH2316

Credit Points: 15.00

Prerequisite(s): (ITECH1400)

Co-requisite(s): (ITECH2305)

Exclusion(s): Nil

ASCED: 020399

Description of the Course:

This course equips you with the tools to effectively utilize and implement business technology solutions, with a focus on applying SAP tools and development with the SAP Business Technology Platform. You will work towards recognized SAP digital badges, using training materials from OpenSAP and SAP Learning, and course materials co-developed in collaboration with SAP and support from key industry partners.

You will build fundamental concepts in the application of SAP technologies, including cloud-based services and application development platforms, and utilize low-code/no-code development tools to solve realistic industry-sourced problems.

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

Work Experience:

No work experience: Student is not undertaking work experience in industry.

Does Recognition of Prior Learning apply to this course? Yes

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	<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"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:
Knowledge:

- K1.** Explain the evolution and role of Platform as a Service in the landscape of business technology.
- K2.** Describe the major services and components of the SAP Business Technology Platform that support business operations.
- K3.** Relate the importance of data management and integration
- K4.** Explain the foundational concepts of cloud computing and low-code/no-code development

Skills:

- S1.** Select appropriate SAP Business Technology Platform components and services for specific business functions
- S2.** Construct data flows and processes using low-code/no-code tools
- S3.** Reflect on privacy and ethical implications of data management in a PaaS environment.
- S4.** Design and evaluate User Experience using cloud-based development tools.

Application of knowledge and skills:

- A1.** Apply the SAP Business Technology Platform to solve a business problem or improve a business process.
- A2.** Use cloud-based tools for data integration, visualization, and analysis.

Course Content:

This course will provide students with an opportunity to develop fundamental skills using SAP Business Technology Platform (BTP) components. The foundational skills will position students toward beginning a development pathway using SAP Build.

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 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 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: <ul style="list-style-type: none"> • Using effective verbal and non-verbal communication • Listening for meaning and influencing via active listening • Showing empathy for others • Negotiating and demonstrating conflict resolution skills • Working respectfully in cross-cultural and diverse teams. 	S1,S2,S3,S4, A1, A2, K1, K2, K3, K4	AT2, AT3
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: <ul style="list-style-type: none"> • Creating a collegial environment • Showing self-awareness and the ability to self-reflect • Inspiring and convincing others • Making informed decisions • Displaying initiative 	S1,S2, S4, A1, A2,	AT2
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: <ul style="list-style-type: none"> • Reflecting critically • Evaluating ideas, concepts and information • Considering alternative perspectives to refine ideas • Challenging conventional thinking to clarify concepts • Forming creative solutions in problem solving 	S1,S2, S4, A1, A2,	AT2
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: <ul style="list-style-type: none"> • Finding, evaluating, managing, curating, organising and sharing digital information • Collating, managing, accessing and using digital data securely • Receiving and responding to messages in a range of digital media • Contributing actively to digital teams and working groups • Participating in and benefiting from digital learning opportunities 	S1,S2, S4, A1, A2,	AT2
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: <ul style="list-style-type: none"> • Making informed judgments that consider the impact of devising solutions in global economic environmental and societal contexts • Committing to social responsibility as a professional and a citizen • Evaluating ethical, socially responsible and/or sustainable challenges and generating and articulating responses • Embracing lifelong, life-wide and life-deep learning to be open to diverse others • Implementing required actions to foster sustainability in their professional and personal life. 	Not applicable	Not applicable

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1-K4	Demonstrate an understanding of the fundamental concepts of ERP systems and SAP BTP.	Online quizzes (summative) and lab exercises (formative)	30-50%
S1, S2, S4, A1, A2	Develop a small SAP project solution addressing an authentic industry use case.	Group project/s	40-60%
S3, S4, K1-K4, A2	Create and deliver a presentation discussing the project work completed	Group presentation	10-20%

Alignment to the Minimum Co-Operative Standards (MiCS)

The Minimum Co-Operative Standards (MiCS) are an integral part of the Co-Operative University Model. Seven criteria inform the MiCS alignment at a program level. Although courses must undertake MiCS mapping, there is NO expectation that courses will meet all seven criteria. The criteria are as follows:

1. Co-design with industry and students
2. Co-develop with industry and students
3. Co-deliver with industry
4. FedTASK alignment
5. Workplace learning and career preparation
6. Authentic assessment
7. Industry-link/Industry facing experience

MiCS program level reporting highlights how each program embraces the principals and practices associated with the Co-Operative Model. Evidence of program alignment with the MiCS, can be captured in the Program Modification Form.

MICS Mapping has been undertaken for this course No

Date:

Adopted Reference Style:

APA

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

Fed Cite - [referencing tool](#)