University of the West of Scotland

Module Descriptor

Session: 2024/25

Title of Module: Project Management for IT			
Code: COMP09007	SCQF Level: 9 (Scottish Credit and Qualifications Framework)	Credit Points: 20	ECTS: 10 (European Credit Transfer Scheme)
School:	School of Computing, Engineering and Physical Sciences		
Module Co-ordinator:	Daune West		

Summary of Module

Students will be introduced to the theory and practice of project management including elements of the syllabi of the professional project management societies (PMI, APM) within the context of IT-enabled projects.

Project management has evolved and adapted to different domains, it has recognised methodologies, competencies and a career path in its own right. This module covers the generic elements of project management within the context of IT / IS projects. Frameworks and techniques have been developed and adopted within business project management, for example PRINCE2 and Agile.

This module provides an Introduction to Project Management and the skills and techniques of Planning, Monitoring and Control of a project. Current and new approaches relevant to modern project management, will be covered together with an understanding of the limitations of methods and techniques. The modern project manager manages risk and uncertainty and maintains the business case throughout the lifecycle of the project.

Students will be expected to gain a good grasp of project management software (such as MSProject and Project in a Box) to develop professional competencies in the use and application of this software.

Coursework focuses on a 'live' group project with clear deliverables. Students are expected to produce a plan by the middle of the course and then go on to produce the products defined in the plan.

Universal
- Critical Thinker
- Ethically-minded
- Research-minded

Work Ready
- Problem-Solver
- Effective Communicator
- Ambitious

Successful
- Autonomous
- Resilient
- Driven
- What makes a project? ProjeThe ct success/failure.

- Tools: e.g. Gantt charts, AoA diagrams, AoN diagrams, PERT and resources, BCWS and Earned Value.

- Managing Projects - systems thinking; motivation and team-working; roles, responsibilities and characteristics of project managers; risk.

- Methodologies: e.g. PRINCE2, Agile Project Management
  - Project closure, managing failure/success

Module Delivery Method

Face-To-Face	Blended	Fully Online	HybridC	Hybrid 0	Work-Based Learning
☒	☒	☐	☐	☐	☐

See Guidance Note for details.

If this module is delivered within the BSc (Hons) IT Software Development Programme the 'Blended' module delivery method applies.

Campus(es) for Module Delivery

The module will **normally** be offered on the following campuses / or by Distance/Online Learning: (Provided viable student numbers permit) (tick as appropriate)

Paisley:	Ayr:	Dumfries:	Lanarkshire:	London:	Distance/Online Learning:	Other:
☒	☐	☒	☒	☐	☐	New College Lanarkshire

Term(s) for Module Delivery

(Provided viable student numbers permit).

Term 1	☒	Term 2	☐	Term 3	☒

Learning Outcomes: (maximum of 5 statements)
These should take cognisance of the SCQF level descriptors and be at the appropriate level for the module.
At the end of this module the student will be able to:

L1	Plan, implement and reflect upon a project using common project management tools
L2	Acquire a knowledge of and practice in determining, planning, monitoring and controlling the management of IT-based projects.
L3	Demonstrate an awareness of non-technical factors affecting the successful project.

L4	Make sense of supporting project management methodologies, techniques and new developments within the field

Employability Skills and Personal Development Planning (PDP) Skills

SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
Knowledge and Understanding (K and U)	SCQF Level **9** Demonstrate an understanding of the theoretical and technical approaches that underpin IT-Related Project Management. Employ the generic skills and techniques associated with IT-Related project management.
Practice: Applied Knowledge and Understanding	SCQF Level **9** Develop suitable project plans. Revise and critically review the success of an IT-Related project. Apply specific skills and knowledge that are in the forefront of project management of IT–Related projects.
Generic Cognitive skills	SCQF Level **9** Bring together information from a variety of sources, including academic and industrial technical publications
Communication, ICT and Numeracy Skills	SCQF Level **9** Making effective use of information retrieval systems and information technology applications to present information in an appropriate form. Using PM tools requiring basic numeracy. Use project management software.
Autonomy, Accountability and Working with others	SCQF Level **9** Work in a team to plan, implement and analyse an IT-Related project. Exercise initiative and self-management in the completion of the module coursework
Pre-requisites:	Before undertaking this module the student should have undertaken the following:
	Module Code: \ **Module Title:**
	Other:
Co-requisites	**Module Code:** \ **Module Title:**

*Indicates that module descriptor is not published.

Learning and Teaching

In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.

Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	Student Learning Hours (Normally totalling 200 hours): (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture/Core Content Delivery	24
Tutorial/Synchronous Support Activity	12
Laboratory/Practical Demonstration/Workshop	12
Independent Study	152
	200 Hours Total

**Indicative Resources: (eg. Core text, journals, internet access)

The following materials form essential underpinning for the module content and ultimately for the learning outcomes:

Carrol, J. and Morris, D. (2015) Agile Project Management in Easy Steps", published by In Easy Steps Ltd.

Graham, N. (2023) Project Management for Dummies, John Wiley & Sons.

Hughes, B., Ireland, R, West, B, Smith, N and Shepherd, D (2019) Project Management for IT-related Projects, (3rd edition), BCS

Project Management Institute (2017) A Guide to the Project Management Body of Knowledge (Pmbok Guide), Pro-Ject Management Institute

Please ensure the list is kept short and current. Essential resources should be included, broader resources should be kept for module handbooks / Aula VLE.

Resources should be listed in Right Harvard referencing style or agreed professional body deviation and in alphabetical order.

(**N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements

In line with the Student Attendance and Engagement Procedure: Students are academically engaged if they are regularly attending and participating in timetabled

on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

For the purposes of this module, academic engagement equates to the following:

Attendance at all schedules classes; submission/attendance of assessments on time; participation in group project

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Equality and Diversity

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: UWS Equality, Diversity and Human Rights Code.

Please ensure any specific requirements are detailed in this section. Module Co-ordinators should consider the accessibility of their module for groups with protected characteristics..

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	Computing
Assessment Results (Pass/Fail)	Yes ☐ No ☒
School Assessment Board	Computing
Moderator	Tom Caira
External Examiner	T Gaber
Accreditation Details	N/A
Changes/Version Number	2.14

Assessment: (also refer to Assessment Outcomes Grids below)

There are 2 components of assessment for this module. The first (group coursework) is worth 50% of the total module mark and is comprised of (i) a project plan, (ii) implementation of the plan (a video) and (iii) reflection on the plan and its implementation). Weighting of each part of this components are set out below.
The second component (class test) is worth 50% of the module mark

Students are required to gain 50% overall; to pass and at least 30% in each of the 2 components of assessment.
Assessment 1 – Coursework – Plan, implementation of plan (video), reflection on plan and implementation (50%)
Assessment 2 – Class test
(N.B. (i) **Assessment Outcomes Grids** for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed. (ii) An **indicative schedule** listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Assessment Outcome Grids (See Guidance Note)

Component 1

Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Plan	✓					20	
Implementation of plan		✓	✓			20	
Reflection		✓	✓			10	

Component 2

Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Class test		✓	✓	✓		50	
Combined Total for All Components						**100%**	**XX hours**