

University of the West of Scotland

Module Descriptor

Session: 2024/2025

Title of Module: GA – Work-Based Project 1			
Code: WRKB07XXX	SCQF Level: 7 (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:	TBC		
Summary of Module			
<p>This module is designed to facilitate the integration of theoretical knowledge gained through academic study with practical experience in the workplace environment for Graduate Apprentices (GA). It aims to aid students in making the connections between their academic studies and the demands of the industrial workplace, allowing them to gain confidence in the development of essential skills, knowledge, and personal attributes required for success as software professionals in the 21st century.</p> <p>Throughout this module, students will engage in their roles within the workplace, gaining a comprehensive understanding of the organizational structure, their responsibilities, and the dynamics of working within a professional setting. Emphasis will be placed on the cultivation and identification of professionalism, accountability, and ethical conduct in their work.</p> <p>Central to this module is the practical application of learned concepts and methodologies to real-world projects within the student's respective industrial environments, which will culminate in the creation of a portfolio. Students will be tasked with identifying and analysing a routine problem encountered in their workplace and demonstrate their ability to apply a diverse range of approaches and strategies to address this challenge effectively. This will include the application of project management principles such as requirement analysis, project and software development lifecycle management, reflective practice, and teamwork.</p> <p>Students will be required to demonstrate their proficiency in meeting a pre-defined set of objectives under the guidance of their work-based supervisor while operating within initial constraints such as deliverables, resources, and timelines. Through this process, students will have the opportunity to showcase their problem-solving skills, creativity, and adaptability in navigating real-world challenges within the context of their workplace.</p> <p>The creation of a portfolio will serve as a comprehensive record of students' learning and achievements throughout the module, showcasing their ability to apply theoretical knowledge to practical scenarios, as well as their growth and development as aspiring software professionals.</p>			

This module will work to develop a number of the key 'I am UWS' Graduate Attributes to make those who complete this module:

- Universal: critical thinker; analytical; inquiring; collaborative and culturally aware
- Work Ready: knowledgeable; problem solver; and effective communicator
- Successful: autonomous; and driven

Module Delivery Method

Face-To-Face	Blended	Fully Online	HybridC	Hybrid 0	Work-Based Learning
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The tutorial/synchronous support activity will take place in a 'Blended' format whereas the remainder of this module is work-based learning.

See Guidance Note for details.

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:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Add name

Term(s) for Module Delivery

(Provided viable student numbers permit).

Term 1	Term 2	Term 3
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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	Demonstrate awareness of their role, the general operation and structure of their workplace and understanding of technical and soft skills required for success
L2	Demonstrate awareness of a software professional's accountability, responsibility, and ethical obligations to clients, the community, and society at large.

L3	Apply a range of approaches, including project management methodologies, to address routine software development problems encountered in the workplace context				
L4	Use reflective practices to evaluate personal and professional development				
L5	Effectively present and communicate findings and solutions in both written and oral form				
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)	<p>SCQF Level 7</p> <p>Develop a broad knowledge of the workplace environment.</p> <p>Develop learning awareness and consider key aspects present in learning experiences as basis for critical evaluation of current approach to learning. Develop an active learning style to conduct deep level learning in the learning environment. Develop an understanding of personal and inter-personal skills development. Understanding of e-portfolio design.</p>				
Practice: Applied Knowledge and Understanding	<p>SCQF Level 7</p> <p>Creating a learner log and implementing an online e-portfolio.</p>				
Generic Cognitive skills	<p>SCQF Level 7</p> <p>Present and evaluate arguments, information and ideas that are routine to a subject/discipline/sector.</p> <p>Use a range of approaches to address defined and/or routine problems and issues with familiar contexts.</p>				
Communication, ICT and Numeracy Skills	<p>SCQF Level 7</p> <p>Communicating knowledge effectively. Interpreting issues and stating solutions. Making effective use of tools and information.</p>				
Autonomy, Accountability and Working with others	<p>SCQF Level 7</p> <p>Manage time and resources effectively. Work on own to gain concepts, identifying own learning needs. Work as part of a group as required.</p>				
Pre-requisites:	Before undertaking this module the student should have undertaken the following:				
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Module Code:</td> <td>Module Title:</td> </tr> <tr> <td>Other:</td> <td></td> </tr> </table>	Module Code:	Module Title:	Other:	
	Module Code:	Module Title:			
Other:					

Co-requisites	Module Code:	Module Title:
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*Indicates that module descriptor is not published.

Learning and Teaching	
<p>The majority of the student's learning experience will take place in the work environment and will include support from a workplace mentor and an academic tutor. The workplace mentor will monitor the student throughout their time in the work environment and will liaise with the academic tutor to ensure that the student has a worthwhile and appropriate learning experience. The student will have a minimum of one meeting with the academic tutor who will discuss progress with both the student and the workplace mentor and will resolve any work-related learning issues, if appropriate. The student will have a direct line of communication with the academic tutor at all times via e-mail and the University's Virtual Learning Environment (VLE).</p> <p>A tripartite agreement will be produced and approved by all parties prior to the start of the module. This will be retained by the Module Co-ordinator and shared with the programme leader.</p> <p>Information relating to Personal Development Planning (PDP), the workplace environment, health & safety, and what is expected of them will be made available prior to the start of the module.</p>	
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)
Tutorial/Synchronous Support Activity	12
Work Based Learning/Placement	188
	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:

Skills Framework for the Information Age - <https://sfia-online.org>

Cottrell, S., *Skills for Success: Personal Development and Employability*, Palgrave Macmillan, 3rd edition, 2015

Helyer *et al.*, *The Work-Based Learning Student Handbook*, Bloomsbury, 2020

Kirton, B., *Brilliant Workplace Skills for Students & Graduates*, Prentice Hall, 2011

Trought, F., *Brilliant Employability Skills*, Prentice Hall, 2017

(*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:

Attending all timetabled synchronous classes and engagement with asynchronous learning activities and resources.

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](#).

Aligned with the overall commitment to equality and diversity stated in the Programme Specifications, the module supports equality of opportunity for students from all backgrounds and with different learning needs. Using our VLE, learning materials will be presented electronically in formats that allow flexible access and manipulation of content (part-time and distant learning students should check with their programme leader for any queries). The module complies with University regulations and guidance on inclusive learning and teaching practice. Specialist assistive equipment, support provision and adjustments to assessment practice will be made in accordance with UWS policy and regulations.

(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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
School Assessment Board	Business & Applied Computing
Moderator	TBA
External Examiner	A Jindal
Accreditation Details	n/a
Changes/Version Number	1.0

Assessment: (also refer to Assessment Outcomes Grids below)
The assessments for this module consist of a portfolio of practical work and a presentation.
Assessment 1 – Practical Portfolio as evidence for the student’s work-based learning and reflection. (70%)
Assessment 2 - Presentation as a summary of the accumulated portfolio (30%)
(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
Portfolio of Practical Work	x	x	x	x		70	

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
Presentation			x	x	x	30	1

Combined Total for All Components	100%	1 hours
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Change Control:

What	When	Who
Further guidance on aggregate regulation and application when completing template	16/01/2020	H McLean
Updated contact hours	14/09/21	H McLean
Updated Student Attendance and Engagement Procedure	19/10/2023	C Winter
Updated UWS Equality, Diversity and Human Rights Code	19/10/2023	C Winter
Guidance Note 23-24 provided	12/12/23	D Taylor
General housekeeping to text across sections.	12/12/23	D Taylor

Version Number: MD Template 1 (2023-24)