Module Descriptor

Title	Professional Development in Computing		
Session	2025/26	**Status**	Published
Code	COMP07067	**SCQF Level**	7
Credit Points	10	**ECTS (European Credit Transfer Scheme)**	5
School	**Computing, Engineering and Physical Sciences**		
Module Co-ordinator	Aboua Ange Kevin N'DA		

Summary of Module

This is a core first year module in all the undergraduate degree programmes in computing in the University.

The module will support the ways in which today's students learn, develop and present the skills acquired during study at the University. Students taking this module will develop skills in report writing, creating presentations, use e-learning, creating personal and professional development profiles and time management. Active learning, independent learning, reflective learning and reflexive practices will also be covered.

This module also provides an introduction to personal and team project management in terms of their uses and advantages. The subject of computer programming is used as a practical example of how to develop skills within the computing profession.

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
- Ethically-minded
- Research-minded

Work Ready

- Problem-Solver
- Effective Communicator
- Ambitious

Successful

- Autonomous
- Resilient
- Driven

Module Delivery Method	On-Campus[1] ☒	Hybrid[2] ☐	Online[3] ☐	Work -Based Learning[4] ☐
Campuses for Module Delivery	☐ Ayr ☐ Dumfries	☒ Lanarkshire ☐ London ☒ Paisley	☐ Online / Distance Learning ☐ Other (specify)	

Terms for Module Delivery	Term 1	☒	Term 2	☐	Term 3	☐
Long-thin Delivery over more than one Term	Term 1 – Term 2	☐	Term 2 – Term 3	☐	Term 3 – Term 1	☐

Learning Outcomes	
L1	Demonstrate presentation skills that will enable participants to succeed in their chosen course of study and enable them to communicate ideas both verbally and in writing.
L2	Construct a report demonstrating personal development and awareness of professionalism
L3	Manage yourself and team effectively by design an application as a group activity
L4	N/A
L5	N/A

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 7** 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
Practice: Applied Knowledge and Understanding	**SCQF 7** Designing a learner log, report and presentation

[1] Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

[2] The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

[3] Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

[4] Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

Generic Cognitive skills	**SCQF 7** Developing learning awareness of active deep learning approaches necessary for deep level skill development Develop inter-personal skills. Develop personal active learning strategies.
Communication, ICT and Numeracy Skills	**SCQF 7** Communicating knowledge effectively. Interpreting problems and stating solutions Making effective use of tools and information.
Autonomy, Accountability and Working with Others	**SCQF 7** Work on own to gain concepts, identifying their own learning needs. Work on own to create on-line portfolio. Work as part of a group to discuss the learning environment and create a learning log

Prerequisites	**Module Code**	**Module Title**
	Other	
Co-requisites	**Module Code**	**Module Title**

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. 1. Lectures – Approaches to learning, teaching and assessment will be covered. Motivation, personal development and planning, time keeping, report writing and presentation skills will also be covered. Basic Programming skills will also be covered as an example of the skills needing developed within the computing profession. 2. Laboratory Sessions – During the lab sessions the students will apply ideas developed for the practical assessed work within their presentation and report. 3. Support materials – school student handbook, Moodle for gathering lecturer materials & current discussions. 4. Group learning – Group based learning will be a strong focus of the module allowing students to learn how to interact within small groups and developing the ability to critique each others work and personal and professional development.	
Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture / Core Content Delivery	10
Laboratory / Practical Demonstration / Workshop	10
Independent Study	76
Asynchronous Class Activity	4
Please select	

Please select	
TOTAL	100

Indicative Resources
The following materials form essential underpinning for the module content and ultimately for the learning outcomes: The learning resource area on the Student Intranet Up-to-date materials and relevant website addresses posted on the relevant Aula Use of internet sites for information gathering activities 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:** The School of Computing, Engineering and Physical Sciences considers attendance and engagement to mean a commitment to attending, and engaging in, timetabled sessions. You will scan your attendance via the scanners each time you are on-campus and you will login to the VLE several times per week. Where you are unable to attend a timetabled learning session due to illness or other circumstance, you should notify the Programme Leader that you cannot attend. Across the School an 80% attendance threshold is set. If you fall below this, you will be referred to the Student Success Team to see how we can best support your studies.

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 University's commitment to equality and diversity, this module supports equality of opportunity for students from all backgrounds and learning needs. Using the VLE, material will be presented electronically in formats that allow flexible access and manipulation of content. This module complies with University regulations and guidance on inclusive learning and teaching practice. This module has lab-based teaching and as such you are advised to speak to the Module Co-ordinator to ensure that specialist assistive equipment, support provision and adjustment to assessment practice can be put in place, in accordance with the University's policies 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**
Overall Assessment Results	☐ **Pass / Fail** ☒ **Graded**
Module Eligible for Compensation	☐ **Yes** ☒ **No** **If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.**
School Assessment Board	Business and Applied Computing
Moderator	Gavin Baxter
External Examiner	Anish Jindal
Accreditation Details	This module is accredited by BCS as part of a number of specified programmes.
Module Appears in CPD catalogue	☐ **Yes** ☒ **No**
Changes / Version Number	1.10

Assessment (also refer to Assessment Outcomes Grids below)
Assessment 1
Class test
Assessment 2
Report of practical/filed/clinical work
Assessment 3
Presentation
(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.)

Component 1							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
Class Test	☐	☒	☐	☐	☐	30	0

Component 2							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
Report of practical/filed/clinical work	☐	☒	☒	☐	☐	60	0

Component 3

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Presentation	☒	☐	☒	☐	☐	10	2
Combined total for all components						100%	2 hours

Change Control

What	When	Who
Attendance and Engagement and Equality and Diversity Statements updated	17/1/25	L Smith
Module delivery, CPD and Module Eligible for Compensation updated		Aboua Ange Kevin N'Da
The number of Learning Outcomes assessed through the 'Class Test' assessment type has been updated (reduced).	27/06/25	Aboua Ange Kevin N'DA