



Module Specification

Professional Studies in Computing

Version: 2023-24, v3.0, 23 May 2023

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Part 1: Information

Module title: Professional Studies in Computing

Module code: UFCFJS-15-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Environment & Technology

Department: FET Dept of Computer Sci & Creative Tech

Partner institutions: None

Field: Computer Science and Creative Technologies

Module type: Module

Pre-requisites: Systems Development Group Project 2022-23

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module is designed to expand upon the experiences of working on a group project gained in year 2 of the studies. You will further develop on their exposure to a simulated professional environment, by analysing experiences gained as a member of a group project team. You will further develop your research skills and your ability to reflect, summarise and present in a professional manner.

Features: Not applicable

Educational aims: The aim of this module is to prepare students for a successful start in graduate employment by allowing them to reflect on the experiences gained working by in groups at level 5 and by evaluating professional case studies in the context of professional practice and legal issues.

Outline syllabus:

Jobs, Project Types

Case Studies of - Success & Failures

Risk Analysis of - Security, ethical & legal issues.

Analysis & Reflection of Group Performance

Reflection on own professional practice

Evaluation of Achievements VS KPI

Presentation and Communication - within a team; with Clients

Part 3: Teaching and learning methods

Teaching and learning methods: A series of short lectures and reflective workshops

Students will be researching topics and engage in continuous formative feedback sessions.

Individual student presentations will be assessed by peers.

Presentations will take the form of Oral presentations (supported by visual media), Poster presentations, or Video presentations.

Formative feedback will be based on peer evaluation and tutor reflection on the performance of both presenters of topics and peer reviewers.

All formative feedback will be recorded for the benefit of the recipients. Such recordings will aim to support their reflective evaluation which will form the core of their assessment.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Develop professional research skills by studying and critically analysing project case studies

MO2 Demonstrate the ability to recognise professional and ethical risk and analyse and evaluate its potential impact on a project or a project portfolio; also considering sustainability and environmental issues.

MO3 Critically evaluate the work of others in a professional context and provide constructive feedback

MO4 Recognise and critically evaluate the impact of security legislation in a professional computing environment

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

Part 4: Assessment

Assessment strategy: Students will produce outcomes of research combined with evaluation of own experiences. They will also actively participate in evaluation of the work of their peers. They will receive formative feedback on this.

At the end of the semester they will produce a reflective diary that will accompany a submission of a portfolio of at least two contributions to class activities on which they would have received formative feedback.

Assessment tasks:

Reflective Piece (First Sit)

Description: A Reflective account of own work and the work of others. The diary will be accompanied by evidence of own work and the peer assessment of work of others (at least one of each) on which formative feedback has been received by the module tutors. This will be supported by evidence of research and appropriate

references cited.

The diary will be no longer than 2000 words and all supplementary materials will be provided in digital format.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Reflective Piece (Resit)

Description: A Reflective account of own work and the work of others. The diary will be accompanied by evidence of own work and the peer assessment of work of others (at least one of each) on which formative feedback has been received by the module tutors. This will be supported by evidence of research and appropriate references cited.

The diary will be no longer than 2000 words and all supplementary materials will be provided in digital format

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Computer Science [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Computer Science [Sep][FT][Villa][3yrs] BSc (Hons) 2021-22

Computer Science [Jan][FT][Villa][3yrs] BSc (Hons) 2021-22

Computer Science [May][FT][Villa][3yrs] BSc (Hons) 2021-22

Computer Science {Foundation}[Sep][FT][Frenchay][4yrs] BSc (Hons) 2020-21