

Liverpool John Moores University

Title: THE COMPUTING PROFESSIONAL
Status: Definitive
Code: **4545NCCG** (129507)
Version Start Date: 01-08-2021

Owning School/Faculty: Computer Science and Mathematics
Teaching School/Faculty: Nelson Campus

Team	Leader
Robert Askwith	Y
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 60
Total Learning Hours: 200 **Private Study:** 140

Delivery Options

Course typically offered: S1, S2 and NS2 (S2 for Jan)

Component	Contact Hours
Lecture	60

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Pres.	Presentation (20 mins +Q&A)	50	
Report	Assignment	Assignment	50	

Aims

This module introduces the student to:

- *The need to communicate effectively using different tools and media*
- *The ability to apply critical reasoning and solve problems*
- *The dynamics of teams in terms of culture, roles and responsibilities*
- *Continuing professional development, self-improvement and working towards various goals.*

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate a range of interpersonal and transferable communication skills to a target audience.
- 2 Apply critical reasoning and thinking to a range of problem-solving scenarios
- 3 Discuss the importance and dynamics of working within a team and the impact of team working in different environments.
- 4 Examine the need for Continuing Professional Development (CPD) and its role within the workplace and for higher level learning.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Presentation	1		
Assignment	2	3	4

Outline Syllabus

Demonstrate a range of interpersonal and transferable communication skills to a target audience

Effective communication: Verbal and non-verbal; academic report writing; use of IT to enhance communication; use of source information to undertake research.

Interpersonal skills. Soft skills. Time management skills.

Specification of problems. Identification of possible outcomes. Tools and methods.

Evaluation of whether the problem was solved or not; measurement of solution against specification and desired outcomes; sustainability.

Dynamics of team and group work; informal and formal settings; purpose of teams and groups. Selecting team members; stages in team development; action planning; monitoring and feedback; coaching skills; ethics; effective leadership skills.

Own responsibilities: personal responsibility, legislation, ethics, employment rights and responsibilities. Performance objectives: Setting and monitoring performance objectives, measurement tools for success and achievement.

Continuing Professional Development: lifelong learning, training and development, personal development, professional development. Evidence criteria: Production data, personnel data, judgemental data; rating methods; skills audit; evaluating self-management; personal and interpersonal skills.

Motivation and performance: Application and appraisal of motivational theories and techniques, rewards and incentives; manager's role; self-motivational factors.

Development plan: Current performance; future needs; opportunities and threats to career progression; aims and objectives; achievement dates; review dates; learning programme/activities; action plans; personal development plans.

Learning Activities

Lectures

These will not normally be traditional didactic lectures in which the student plays little active part, but will be delivered in small groups of up to 20

Notes

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