

MODULE DESCRIPTOR

Module Title

Workplace Project Investigation

Reference	CMM540	Version	1
Created	March 2017	SCQF Level	SCQF 11
Approved	August 2017	SCQF Points	15
Amended		ECTS Points	7.5

Aims of Module

To enable students to critically appraise an IT, computing, security, network management or data analytics problem while practising in a work environment using the skills gained during the taught elements of the course.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Operate effectively and professionally on appropriate IT, computing, security, network management or data analytics tasks within a work context.
- 2 Critically analyse their role within the host department and the organisation.
- 3 Select and critically appraise a suitable work-related problem and its domain, including the identification of relevant professional, social, legal and ethical issues and the investigation of alternative approaches to tackling the problem/issue identified.
- 4 Develop a project specification.

Indicative Module Content

Work experience. Identification of a workplace project. Investigation of the problem, including context, background, and relevant tools, methods and techniques. Summary of results/research conclusions. Development of a project specification. Description of ethical, social, legal and professional issues with respect to the project, together with a plan to address these issues, if appropriate. Reflective analysis of work experience.

Module Delivery

Within a work context, students undertake a piece of professional work as well as researching a project related to their work. Students will be allocated a workplace supervisor and an academic supervisor with whom they will have face to face meetings, conference calls and/or electronic communications.

Indicative Student Workload	Full Time	Part Time
Contact Hours	6	6
Non-Contact Hours	50	50
Placement/Work-Based Learning Experience [Notional] Hours	94	94
TOTAL	150	150
<i>Actual Placement hours for professional, statutory or regulatory body</i>	140	140

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Report where students critically appraise a work-related IT, computing, network management or data analytics problem and reflect on their work experience.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The student must satisfy the criteria specified at a grade in order to achieve that grade.

Module Grade	Minimum Requirements to achieve Module Grade:
A	To achieve an A, the student needs to achieve an A in Component 1.
B	To achieve a B, the student needs to achieve a B in Component 1.
C	To achieve a C, the student needs to achieve a C in Component 1.
D	To achieve a D, the student needs to achieve a D in Component 1.
E	To achieve an E, the student needs to achieve an E in Component 1.
F	To achieve an F, the student needs to achieve an F in Component 1.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	CMM512

INDICATIVE BIBLIOGRAPHY

- 1 "BCS Code of Conduct" obtained from <http://www.bcs.org/category/6030> [accessed 13/3/2017].
- 2 HUGHES, B. & IRELAND, R., West, B., Smith, N. and SHEPERD, D. 2012. Project Management for IT related projects. 2nd ed. BCS.
- 3 PRESSMAN, R., 2009. Software Engineering: A practitioner's approach. 7th ed. McGraw-Hill.
- 4 CRESWELL, J.W. , 2014. Research design: qualitative, quantitative, and mixed methods approaches. Sage.