

MODULE DESCRIPTOR

Module Title

Project			
Reference	CMM405	Version	1
Created	April 2021	SCQF Level	SCQF 11
Approved	July 2021	SCQF Points	60
Amended		ECTS Points	30

Aims of Module

To enable the student to undertake a substantial security project.

Learning Outcomes for Module

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

- 1 Conduct a critical review of the literature, an analysis of the requirements, and the legal, social, ethical and professional issues for the project under investigation.
- 2 Prepare a feasible project plan, and manage successful completion of the project in the given timescale.
- 3 Select and justify the choice of suitable research methods, technologies and relevant techniques to develop an appropriate project solution.
- 4 Design, implement and test an appropriate project solution within the context of the work environment using a combination of principles learnt in the course and workplace.
- 5 Communicate effectively, both orally and in written form, key aspects of the project, justifying the chosen solution and critically appraising the strengths and weaknesses of the project.

Indicative Module Content

Identification of a project: Students, in consultation with their employer and RGU tutor, identify a suitable project topic at an appropriate level to evidence the necessary learning outcomes. Research methods and professional conduct: students will be introduced to topics such as: Literature review skills and library skills; research methods (quantitative and qualitative); hypothesis testing, experimental design, and evaluation of research outcomes; Social and ethical implications of IT; Project planning and management, skills; Practical skills in report writing, and oral presentations. Development of a project specification; Development of a solution to the problem at hand; Evaluation of the solution to the problem; Recommendations for future development.

Module Delivery

The module is delivered via work-based learning along with structured online learning materials/activities and directed study, facilitated by regular online tutor support. Workplace Mentor support and work-based learning activities will allow students to contextualise this learning to their own workplace. Face-to-face engagement occurs through annual induction sessions, employer work-site visits, and modular on-campus workshops.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	60	N/A
Non-Contact Hours	60	N/A
Placement/Work-Based Learning Experience [Notional] Hours	480	N/A
TOTAL	600	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>	480	

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, 5
Description:	Project report and demo.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The calculation of the overall grade for this module is based on 100% weighting of C1. An overall minimum grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	The student needs to achieve an A in C1.
B	The student needs to achieve a B in C1.
C	The student needs to achieve a C in C1.
D	The student needs to achieve a D in C1.
E	The student needs to achieve an E in C1.
F	The student needs to achieve an F in C1.
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	None.

INDICATIVE BIBLIOGRAPHY

- 1 "BCS Code of Conduct" [online] <https://www.bcs.org/membership/become-a-member/bcs-code-of-conduct/> [accessed 13/4/2021].
- 2 HUGHES, B. & IRELAND, R., West, B., SMITH, N. and SHEPERD, D. 2012. Project Management for IT related projects. 2nd ed. BCS.
- 3 DAWSON, C.W., 2015. Projects in computing and information systems: a student's guide. 3rd ed. Harlow: Pearson Education Limited.
- 4 CRESWELL, J.W., CRESWELL, J.D., 2017. Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. Sage.
- 5 SCHWALBE, K., 2015. Information technology project management. 8th ed. Boston, MA: Cengage Learning.