APPROVED

PROJ C7002: Project

Module Details

Module Code:	PROJ C7002
Full Title:	Project APPROVED
Valid From::	Semester 1 - 2019/20 (June 2019)
Language of Instruction:	English
Duration:	2 Semesters
Credits::	10
Module Owner::	Martin McCourt
Departments:	Unknown
Module Description:	Students completing this module will be able to design, develop and test a project in a topic relevant to their course. The project will be an individual project and will allow students to develop skills in analysis, design, deployment, testing and management.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	**Module Learning Outcome Description**
MLO1	Interpret and explain a project proposal appropriate to the topic being investigated.
MLO2	Design a suitable solution for proposed project and create a project plan with sufficient contingency, for the successful completion of the project.
MLO3	Develop and present a prototype consistent with the project specification and justify the development choices.
MLO4	Evaluate and apply appropriate methodologies for the achievement of the project objectives within the design parameters.

Pre-requisite learning
Module Recommendations *This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).*
No recommendations listed

Module Indicative Content
Specification Specification will establish end user requirements, business goals and constraints along with technical goals and constraints.
Design The design aspect of the project will produce an initial design proposal based on end user specifications. Justification for the design will also be included.
Implementation Implement and test the solution proposed in the design phase. The implementation may use virtual software such as Hyper-V, Cisco Packetracer or VIRL. Students will outline and demonstrate to some degree the difficulties, challenges and benefits that a company might experience in implementing such services in a network.
Document Produce project documentation that will cover all apects of the project to include specification, design, implementation and troubleshooting.

Module Assessment

Assessment Breakdown	%
Course Work	100.00%

Module Special Regulation

Assessments

Full Time On Campus

Course Work

Assessment Type	Written Report	**% of Total Mark**	40
Marks Out Of	0	**Pass Mark**	0
Timing	S1 Week 13	**Learning Outcome**	1
Duration in minutes	0		

Assessment Description
This document will cover the design and justification aspect of a Systems & Networking project. Students will produce a written document specifying business and technical goals and constraints along with end user requirements. The document will also include the full design of the network hardware, data cabling, directory services and system services.

Assessment Type	Written Report	**% of Total Mark**	60
Marks Out Of	0	**Pass Mark**	0
Timing	End of Year	**Learning Outcome**	2,3,4
Duration in minutes	0		

Assessment Description
The main focus of the project is to design, implement and test a solution to a proposal in Systems and Networking. Detailed guidelines, including marking schemes, will be provided to students at the beginning of the semester and all activities will be supported in Moodle. Students will develop the project bringing together knowledge sources from diverse modules within his /her course. The project will incorporate a number of deliverables throughout the module. These will include: Design, Implementation and Presentation. The presentation and implementation will be submitted at the end of the year.

No Project

No Practical

No Final Examination

Part Time On Campus

Course Work

Assessment Type	Written Report	**% of Total Mark**	40
Marks Out Of	0	**Pass Mark**	0
Timing	S1 Week 13	**Learning Outcome**	1
Duration in minutes	0		

Assessment Description
This document will cover the design and justification aspect of a Systems & Networking project. Students will produce a written document specifying business and technical goals and constraints along with end user requirements. The document will also include the full design of the network hardware, data cabling, directory services and OS configuration.

Assessment Type	Written Report	**% of Total Mark**	60
Marks Out Of	0	**Pass Mark**	0
Timing	End of Year	**Learning Outcome**	2,3,4
Duration in minutes	0		

Assessment Description
The main focus of the project is to design, implement and test a solution to a proposal in Systems and Networking. Detailed guidelines, including marking schemes, will be provided to students at the beginning of the semester and all activities will be supported in Moodle. Students will develop the project bringing together knowledge sources from diverse modules within his /her course. The project will incorporate a number of deliverables throughout the module. These will include: Design, Implementation and Presentation. The presentation and implementation will be submitted at the end of the year.

No Project

No Practical

No Final Examination

Reassessment Requirement
No repeat examination *Reassessment of this module will be offered solely on the basis of coursework and a repeat examination will not be offered.*

Module Workload

Workload: Full Time On Campus					
Workload Type	*Contact Type*	*Workload Description*	*Frequency*	*Average Weekly Learner Workload*	*Hours*
Lecturer Supervised Learning	Contact	A three hour lab session will be provided each week. This session will be used to assist students in the analyses, design and implementation of their project.	Every Week	3.00	3
Independent Study	Non Contact	No Description	Every Week	5.00	5
				Total Weekly Learner Workload	8.00
				Total Weekly Contact Hours	3.00

Workload: Part Time On Campus					
Workload Type	*Contact Type*	*Workload Description*	*Frequency*	*Average Weekly Learner Workload*	*Hours*
Lecturer Supervised Learning	Contact	A three hour lab session will be provided each week. This session will be used to assist students in the analyses, design and implementation of their project.	Every Week	3.00	3
Independent Study	Non Contact	No Description	Every Week	5.00	5
				Total Weekly Learner Workload	8.00
				Total Weekly Contact Hours	3.00

Module Resources

Recommended Book Resources

Kieran Morgan. (2015), Technical Writing Process, 1. [ISBN: 978-099416931].

Recommended Article/Paper Resources

Guide to Writing a Project Report,
chrome-extension://oemmndcbldboiebfnladd acbdfmadadm/https://newton.ex.ac.uk/hand book/PHY/forms/WLB010919-4.pdf

Other Resources

PDF, Dundalk Institute of Technology. How to Avoid Plagarism,
chrome-extension://oemmndcbldboiebfnladd acbdfmadadm/https://www.dkit.ie/assets/u ploads/Completed%20-%20Plagiarism%20book let.pdf