Module Details

Module Code:	PROG C7015
Full Title:	Introduction to Databases APPROVED
Valid From::	Semester 1 - 2019/20 (June 2019)
Language of Instruction:	English
Duration:	1 Semester
Credits::	5
Module Owner::	Roisin Mulligan
Departments:	Unknown
Module Description:	This module will introduce students to the principles and techniques involved in creating and using relational databases.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	**Module Learning Outcome Description**
MLO1	Apply the basic concepts in the development of a relational database
MLO2	Create tables and relationships.
MLO3	Design various types of queries.
MLO4	Create more complex sub-queries.

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	
Database Concepts. DBMS, database elements	
Tables Data types.	
Relationships Data Integrity	
Queries Create, Add Criteria, and Query Types	
Sub-queries Create, Aggregate functions, Grouping.	

Module Assessment

Assessment Breakdown	%
Course Work	100.00%

Module Special Regulation

Assessments

Full Time On Campus

Course Work			
Assessment Type	Class Test	**% of Total Mark**	50
Marks Out Of	0	**Pass Mark**	0
Timing	S1 Week 6	**Learning Outcome**	1,2,3
Duration in minutes	0		
Assessment Description Practical/Skills Evaluation			
Assessment Type	Class Test	**% of Total Mark**	50
Marks Out Of	0	**Pass Mark**	0
Timing	End-of-Semester	**Learning Outcome**	2,3,4
Duration in minutes	0		
Assessment Description Database Implementation and Manipulation			

No Project

No Practical

No Final Examination

Part Time On Campus

Course Work			
Assessment Type	Class Test	**% of Total Mark**	50
Marks Out Of	0	**Pass Mark**	0
Timing	S1 Week 6	**Learning Outcome**	1,2,3
Duration in minutes	0		
Assessment Description Practical/Skills Evaluation			
Assessment Type	Class Test	**% of Total Mark**	50
Marks Out Of	0	**Pass Mark**	0
Timing	End-of-Semester	**Learning Outcome**	2,3,4
Duration in minutes	0		
Assessment Description Database Implementation and Manipulation			

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
Practical	Contact	No Description	Every Week	4.00	4
Directed Reading	Non Contact	No Description	Every Week	2.00	2
Independent Study	Non Contact	No Description	Every Week	2.00	2
				Total Weekly Learner Workload	8.00
				Total Weekly Contact Hours	4.00

Workload: Part Time On Campus

Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Practical	Contact	No Description	Every Week	3.00	3
Directed Reading	Non Contact	No Description	Every Week	3.00	3
Independent Study	Non Contact	No Description	Every Week	2.00	2
				Total Weekly Learner Workload	8.00
				Total Weekly Contact Hours	3.00

Module Resources