

Introduction to Programming - Tutorial and Task Timeline

Commencement weeks for tasks						Task Descriptions							
Week	Tut. Tasks	Pass Task	Credit Tasks	D grade	HD (Band 1)	HD (Band 2)	Tutorial Focus	Tutorial Tasks	Pass Tasks	Credit Tasks	Distinction Tasks	HD (Band 1)	HD (Band 2)
1	1.1T 1.2T	1.3P					Sequence and basic data types	Hello world Desk Check - Bill Total	Hello User (sequence)				
2	2.1T 2.2T	2.3P					Functions, parameters, return values. Structure charts.	Debug Using functions	Hospital Charges				
3	3.1T	3.2P	33.C				Loops/conditionals, Design	Silly name	SimpleMenu	Shape drawing			
4	4.1T 4.2T		4.3C	4.4D			Arrays, File Handling, Design	File handling Gosu cycle/loop		Shape Moving	Maze creation		
5	5.1T	5.2P	5.3C				Records, record file handling, Design	TrackFileHandling	Music Records	Hover Button			
6	6.1T	6.2P		6.3D			Data, References, arrays and searching	Array Search	AlbumFileHandling		Custom Program design		
7	7T - Test 1	7.1P	7.2C	7.3D			Graphical and Game programming	Test 1 (Class Task)	MusicPlayer with Menu	SimpleGUIMusicPlayer	FulIGUIMusicPlayer		
8	8.1T			8.2D			Design Patterns/Coupling/Cohesion	Concept map			Food Hunter		
9	9.1T			9.2D	9.3HD		Testing/Debugging Strategies and	Fix-it			D Custom Code	HD Custom Program	
10	10T-Test 2 10.1T	10.2C		10.3HD	10.4HD		Recursion, Algorithms (sorting, stacks, Big O), benchmarking, profiling.	Test 2 (in Workshop) Python/C Hello World		Recursive Factorial		Maze search	Custom Project
11	11.1T	11.2P	11.3C	11.4D	11.5D	11.6HD	Other languages - Static Typing, Compiling	Learning Summary Draft	Python Program	PythonShapeMoving	C Program	Custom Program video	Custom Project Video
12	Task Sign Offs	12.1C					Testing, tools and project packaging	Task Sign Offs		Test Harness			
13	Reflection and Portfolio Submission							Reflection and Portfolio Submission					

Requirements for Credit Grade: All Pass Tasks and All Credit Completed Satisfactorily

Requirements for Distinction Grade: All Pass Tasks and All Credit and All Distinction Tasks Completed Satisfactorily

Requirements for HD (Band 1) Grade: All Pass Tasks and All Credit and All Distinction and all HD (Band 1) Tasks Completed Satisfactorily

Requirements for HD (Band 2) Grade: All Pass Tasks and All Credit and All Distinction and all HD (Band 1) and all HD (Band 2) Tasks Completed Satisfactorily

Reflection and Portfolio Submission

NB: The Music Player is the Major Task at each grade level.