Week	Unit	Theory	Assessment / HW	Project
5 June	SDD	Problem solving Research code problems		
12 June	WDD	H Web Float and Display		
19 June	SDD	Problem solving Research code problems		
14 Aug	SDD	Arrays Parallel Arrays, 2D Arrays, Arrays of Records		
21 Aug	SDD	Arrays for gaming Project Planning – Analysis Feasibility / Constraints Use Case Project Plan Gantt		
28 Aug	SDD	OOP - Introduction Classes v Objects Instantiation Encapsulation Inheritance		
4 Sep	SDD	OOP Constructors Polymorphism Instance variables v class variables Relationships	SDD HW 1 – OOP / Java	
11 Sep	SDD	OOP – SQARL Linked Lists		
18 Sep	SDD	Binary Search Project – User Surveys	TEST - SDD Half Block	
25 Sep	SDD	Bubble Sort Bubble Sort with Early Exit		
2 Oct	SDD	Project – Design Insertion Sort Short-circuiting conditions	SDD HW 2 - Algs	
9 Oct	SDD	Project – Testing Module Testing System Testing Usability Testing		
23 Oct	DDD	Databases Analysis and Design SQL Data Dictionaries ERD with Participation and Entity Strength	TEST - SDD Full Block DDD HW 1 - ERD	
30 Oct	DDD	Query Design AH clauses Inner queries	DDD HW 2 – Query Design	

Week	Unit	Theory	Assessment / HW	Project
		Keys		
6 Nov	DDD	DDL Create Keys Constraints		
13 Nov	DDD	MySQL and PHPMyAdmin	DDD HW 3 - DDL	
20 Nov	DDD	MySQL and VB Connect Query NonQuery ExecuteScalar Try/Catch (optional)		
27 Nov	WDD	Responsive Web Design HTML5 - Containers HTML5 - Validation @media	HW 1 – Iron Man	Introduction Issue Candidate Packs Report guidance Start Analysis
4 Dec	WDD	Forms Form processing (PHP) inc. GET / POST Form processing groups (optional)	HW 2 – Login	
11 Dec	WDD	PHP and MySQL Session Variables		Analysis sign-off by teacher deadline
18 Dec	WDD			
8 Jan		Prelim Prep / Project	TEST – DDD / WDD Double Block	
15 Jan		Prelim Prep / Project	Prelim	
22 Jan		Project		
29 Jan		Project		
5 Feb		Project		
12 Feb		Project		
19 Feb		Project		
26 Feb		Project		
4 Mar		Project		
11 Mar		Project		Project deadline
18 Mar		Exam Prep		
25 Mar		Exam Prep		
15 Apr		Exam Prep		
22 Apr		Exam Prep		