INFO 202 Schedule, Second Semester 2021
as at 9th July 2021

Week of	Lecture	Lecture Topic	Lecturer	Lab	Assessment
12 July	1	Welcome / Recap	NS	1 • Reintroduction to Tools	
	2	Issue and Test Driven Development	NS		
19 July	3	Software Testing in Java	NS	2 • Issue Management • Advanced Git • GUIs	
	4	Debugging and Defensive Programming	NS		
26 July	5	Collections	NS	3 • Modal Dialogs • GUI List Components • Data Access Classes • DAO Testing	
	6	Advanced Data Manipulation in SQL 1	NS		
2 August	7	Advanced Data Manipulation in SQL 2	NS	4 • Delete • Search • Filter by Category	**Milestone 1** *(due 2/8)* • Domain Classes • Main Menu • Add Product • Selectable Categories • View Products • DAO Tests • Sequence Diagrams
	8	Getting the Database to Do Stuff for Us	NS		
9 Aug	9	Object Relational Mapping & Jdbi (with demo)	NS	5 • DAO Interface • Jdbi Persistence • Prevent Overwrite	
	10	Dependency and System Design	NS		
16 Aug	11	Software Design Patterns	NS	6 • Input Validation • Error Handling • DAO Injection	**Blackboard Test 1** *(due 20/8)*
	12	Recap: Where Are We and Where Are We Going?	NS		
23 Aug	13	Web 1 - Web Services	MG	7 • GUI and Jdbi Testing	**Milestone 2** *(due 27/8)* • Delete • Filter & Search • Jdbi DAO • Input Validation • Error Handling • Sequence Diagrams
	14	Web 2 - AJAX Clients	MG		
30 Aug		**Mid-Semester Break**			
6 Sep	15	Web 3 - Testing Web Applications	MG	8 • Web Services (Jooby)	
	16	Distributed Systems	MG		
13 Sep	17	Cloud and Virtualisation	MG	9 • JAM Clients (Vue.js)	
	18	Common Security Flaws and Mitigations 1	MG		
20 Sep	19	Common Security Flaws and Mitigations 2	MG	10 • Shopping Cart	
	20	Threads and Concurrency 1	MG		
27 Sep	21	Threads and Concurrency 2	MG	11 • Sending Email • Project Help	**Milestone 3** *(due 1/10)* • GUI / DB DAO testing • View Products • Navigation • Register Account / Sign In • Sequence Diagrams • Add to / View / Check Out Cart • Email • Styling
	22	Cornucopia of Concepts	NS		
4 Oct	23	Release Engineering	NS	12 • Securing the Web App	**Blackboard Test 2** *(due 8/10)*
	24	Continuous Integration & Delivery	NS		
11 Oct	25	Trends in Development	NS	13 • Securing the Database	
	26	Review	NS		

Note: The contents of this schedule may be subject to change during the semester. The first week of semester is academic week 28.
Second semester exam period runs from Wednesday 20th October to Saturday 13th November.