

# COSC243 Course Outline

<b>Lecture</b>	<b>Topic (The 25 tutorials cover exactly the same topics as the lectures)</b>
Lecture 1	Introduction & Data representation 1
Lecture 2	Data representation 2
Lecture 3	Data representation 3
Lecture 4	Introduction to logic & Combinatorial logic
Lecture 5	Sequential logic
Lecture 6	Computer Architecture 1
Lecture 7	Instruction Sets And Addressing Modes
Lecture 8	Instruction Sets And Addressing Modes (continued)
Lecture 9	Assembly Language Techniques
Lecture 10	Memory and Storage Systems
Lecture 11	Input and Output
Lecture 12	Control Unit and Microprogramming
Lecture 13	Computer Architecture 2
Lecture 14	Introduction to Operating Systems
Lecture 15	System Structure and processes
Lecture 16	Threads and data sharing
Lecture 17	Process scheduling
Lecture 18	Process synchronisation
Lecture 19	Deadlocks
Lecture 20	Memory management
Lecture 21	Virtual memory
Lecture 22	File systems
Lecture 23	I/O systems
Lecture 24	Secondary storage
Lecture 25	Revision