

YEAR 10 OVERVIEW – Computer Science

AUTUMN TERM 1							
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
04.09.17	11.09.17	18.09.17	25.09.17	02.10.17	09.10.17	16.10.17	
Systems Architecture	Systems Architecture	Memory	Logic	Storage	Systems Software	Systems Software	
Programming (1)	Programming	Programming	Assessment	Programming	Programming	Programming	
AUTUMN TERM 2							
Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
30.10.17	06.11.17	13.11.17	20.11.17	27.11.17	04.12.17	11.12.17	18.11.17
Networks	Networks	Networks	Programming	Programming	Programming	Programming	Networking
	Protocols	(wireless)	Project	Project	Project	Project	(practical)
Programming	Programming	Programming	Programming	Programming	Programming	Assessment	Year 10 Data
SPRING TERM 1							
Week 16	Week 17	Week 18	Week 19	Week 20			
08.01.18	15.01.18	22.01.18	29.01.18	05.02.18			
Systems Software	Storage & Memory	Logic Refresher	Programming Techniques	Programming Techniques			
	(relate to systems software)						
Programming	Programming	Programming	Programming	Programming			
SPRING 2							
Week 21	Week 22	Week 23	Week 24	Week 25	Week 26		
19.02.18	26.02.18	05.03.18	12.03.18	19.03.18	26.03.18		
Security	Security	Hardware Security	Environmental and Ethical	Environmental and Ethical	Systems Architecture		
	(rel. systems software)	(practical: firewalls etc.)	Revision	Assessment	Recap		
					Year 10 Data and Reviews		
SUMMER TERM 1							
Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	
16.04.18	23.04.28	23.04.28	30.04.28	07.15.18	14.05.18	21.05.18	
Data Representation	SQL	Data Representation	Data representation	Databases	Databases	Databases	
		(as arrays)	(SQL)	(SQL Project)	(SQL Project)	(SQL Project)	
						Assessment	
SUMMER TERM 2							
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	
04.06.18	11.06.18	18.06.18	25.06.18	02.07.18	09.07.18	16.07.19	
Computational Logic	Computational Logic	Revision	Revision	Revision	Revision	Set summer	
	(exercises)	(logic)	(environmental)	(networks)	(security)	programming	
Programming	Programming	WTM's	PPE1	PPE 1	Year 10 Data	project	

- 1) Programming will persist throughout the course as regular practice is essential – this will also allow students to put the theoretical part of the course into practice during each lesson – e.g. after systems software one might learn to call a function which relies on a part of this e.g. printing, file access.