



		Autumn Term	Spring Term	Summer Term
Year 9	Topics SLR 1 – Systems Architecture SLR 2 – Memory and Storage SLR 3 – Computer Networks SLR 4 – Network Security SLR 5 – Utility Software	Introduction Good file management Intro to flipped learning and course structure. SLR 1 – Systems Architecture 1.1.1 - Architecture of the CPU 1.1.2 - CPU performance 1.1.3 - Embedded systems SLR 2 – Memory and Storage 1.2.1 - Primary storage (Memory) 1.2.2 - Secondary storage	 1.2.3 - Units 1.2.4 - Data storage Numbers 1.2.5 - Compression 1.3.1 Computer Networks, Connections and Protocols 1.3.1 - Networks and Topologies 1.3.2 - Wired and wireless networks, protocols and layers 	1.4 Network Security 1.4.1 - Threats to computer systems and networks 1.4.2 - Identifying and preventing vulnerabilities. 1.5 Systems Software 1.5.1 - Operating systems 1.5.2 - Utility software
	Disciplinary knowledge/skills	Python programming is undertaken throughout the term	Python programming is undertaken throughout the term	Python programming is undertaken throughout the term