Aylesbury UTC
Curriculum Map

Subject – BTEC IT – 23-25

		AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 9	CONTENT						
	SKILLS						
	THEMES						
YEAR 10	CONTENT						
	SKILLS						
	THEMES						
YEAR 11	CONTENT						
	SKILLS						
	THEMES						

YEAR 12	CONTENT	● Unit 2 - Creating Systems to Manage Information ● Unit 3 - Using Social Media in Business - 1	● Unit 6 - Website Design – 1 ● Unit 3 - Using Social Media in Business - 2 ● Unit 2 - Creating Systems to Manage Information	● Unit 1 - Information Technology Systems	● Unit 1 - Information Technology Systems ● Unit 9 - IT Project Management - 1	● Unit 6 - Website Design – 2 ● Unit 9 - IT Project Management 2	● Unit 9 - IT Project Management 3
	SKILLS	● Explore the impact of social media on the ways in which businesses promote their products and services ● Develop a plan to use social media in a business to meet requirements	● Implement the use of social media in a business ● Understand the principles of website development ● Design a website to meet client requirements	● Apply knowledge and understanding of IT terms, standards, concepts and processes ● Select and use IT and procedures to explore likely outcomes and find solutions to problems in context	● Analyse and evaluate information, technologies and procedures in order to recommend and justify solutions to IT problems context ● Make connections between the application of technologies, procedures, outcomes and solutions to resolve IT problems ● Investigate the principles and methodologies of IT project management as used in industry	● Develop a website to meet client requirements. ● Carry out the planning, execution, monitoring and controlling of an IT project, using an appropriate methodology	● Undertake the closure of a project by reflecting on the success of personal performance and the project outcome

					● Carry out a project initiation for an IT project		
	THEMES	● Database management ● Data science ● Social media in industry	● Website development ● Information technology and uses of devices	● Network connections and Computer storage	● Software applications ● Project management	● Website development ● Project management	● Project management
YEAR 13	CONTENT	● Unit 4 – Programming - 1 ● Unit 11 - Cyber Security and Incident Management	● Unit 4 – Programming - 2 ● Unit 11 - Cyber Security and Incident Management	● Unit 7 - Mobile App Development –1	● Unit 7 - Mobile App Development –2	Preparation for Summer series exams and completion of Creative media course work	
	SKILLS	● Examine the computational thinking skills and principles of computer programming ● Design a software solution to meet client requirements	● Develop a software solution to meet client requirements.	● Investigate mobile apps and mobile devices ● Design a mobile app that utilises device functions	● Develop a mobile app that utilises device functions		
	THEMES	Programming fundamentals Cyber security	Concepts of programming Cyber security Legal and Ethical issues	App development User interfaces	● App development ● User interfaces ● Software development ● Project management		