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 | | | | | | |
| | CONTENT | | | | | | |
| YEAR 10 | SKILLS | | | | | | |
| | THEMES | | | | | | |
| YEAR 11 | CONTENT | | | | | | |
| | SKILLS | | | | | | |
| | THEMES | | | | | | |

Aylesbury UTC Curriculum Map



| Creating Systems to Manage nformation | Website Design − 1 • Unit 3 - | Information | Information | | |
|---|---|---|--|---|--|
| | • Unit 3 - | | | Website Design – | Project |
| nformation | | Technology | Technology | 2 | Management 3 |
| | Using Social Media | Systems | Systems | • Unit 9 - IT | |
| Unit 3 - | in Business - 2 | | • Unit 9 - IT | Project | |
| Jsing Social Media | • Unit 2 - | | Project | Management 2 | |
| n Business - 1 | Creating Systems to | | Management - 1 | | |
| | Manage | | | | |
| | Information | | | | |
| | | | | | |
| mpact of social media on the ways n which cusinesses cromote their croducts and services Develop a colan to use social media in a cusiness to meet requirements | the use of social media in a business Understand the principles of website development Design a website to meet client requirements | 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 | 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 | 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 |
| n m n or or or or or or | Explore the npact of social nedia on the ways which usinesses romote their roducts and nervices Develop a lan to use social nedia in a usiness to meet | Explore the npact of social nedia on the ways which usinesses romote their roducts and ervices Develop a lan to use social nedia in a usiness to meet Creating Systems to Manage Information Implement the use of social media in a business Understand the principles of website development Develop a website to meet client requirements | Explore the npact of social media on the ways which usinesses romote their roducts and ervices Develop a lan to use social media in a business to meet Develop a lan to use social media in a business to meet Creating Systems to Manage Information Implement the use of social media in a business Understand the principles of website development Design a website to meet client requirements Creating Systems to Manage Information Implement the use of social media in a business Understand the principles of website development Design a website to meet client requirements Explore the Manage Information Implement the use of social media in a business Understand processes Select and use IT and procedures to explore likely outcomes and find solutions to | Explore the negation of social media on the ways which usinesses romote their roducts and ervices Develop a lan to use social media in a usiness to meet equirements Develop a lan to use social media in a website to meet equirements Develop a lan to use social media in a website to meet equirements Creating Systems to Manage Implement the use of social media in a business of website development or website development equirements Develop a lan to use social media in a website to meet client requirements Develop a lan to use social media in a website to meet client requirements Develop a lan to use social media in a website to meet client requirements Develop a lan to use social media in a website to meet client requirements Manage Apply knowledge and understanding of IT terms, standards, concepts and procedures in order to recommend and justify solutions to IT problems context Management - 1 Management | Explore the npact of social ledia on the ways with the principles of website data to use social ledia in a usiness to meet equirements Explore the npact of social media on the ways with the use of social media in a business to meet equirements Explore the npact of social media on the ways with the use of social media in a business of website development website development equirements Povelop a website to meet client requirements Povelop a the use of social media in a business of website development or concepts and procedures in order to recommend and justify solutions to IT problems controlling of an IT project, using an appropriate methodology explored understanding of IT to rems, standards, concepts and procedures in order to recommend and justify solutions to IT problems controlling of an IT project, using an appropriate methodology explored understanding of IT to rems, standards, concepts and procedures in order to recommend and justify solutions to IT problems controlling of an IT project, using an appropriate methodology explored understanding of IT to rems, standards, concepts and procedures in order to recommend and justify solutions to IT project, using an appropriate methodology explored understanding of IT to rems, standards, concepts and procedures in order to recommend and justify solutions to IT project, using an appropriate methodologies, procedures, outcomes and solutions to resolve IT problems Investigate the principles and methodologies of IT project management as |

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| | | | | | 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 applicationsProject management | Website developmentProject 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 | | |