

Course: WJEC Level 1/2 Vocational Award in ICT (Technical Award)

Exam Board: WJEC / Eduqas

Course Length: Key Stage 4 (Years 10–11)

Assessment: 40% external exam, 60% controlled assessment

Course Overview

The WJEC Level 1/2 Vocational Award in ICT is a practical, skills-based qualification designed to give students a strong foundation in how ICT is used in real-world contexts. The course combines theoretical understanding of ICT in society with hands-on practical skills that mirror those used in the workplace.

Students develop confidence using a range of digital tools and software while learning how ICT supports businesses, organisations and individuals. The course prepares learners for further study, apprenticeships or employment in ICT-related pathways.

Course Content

Unit 1 - Unit 1: ICT in Society

Topic covered	Content	Assessment and homework	When delivered
1.1 Functionality of different hardware devices	<p>This unit allows learners to explore the wide range of uses of hardware. They will investigate how information technology is used in a range of contexts, including business and organisations, education and home use.</p> <p>By the end of Year 10, Students should know and understand:</p> <ul style="list-style-type: none">• Functionality of different hardware devices• Learners should know and understand types of: • computing devices• input devices• output devices• storage devices• basic internal components• ports.	<p>Homework: fortnightly Knowledge Organiser and Knowledge Capture.</p> <p>Assessment 1: a practise, guided non-exam assessment completed after the christmas holiday</p> <p>Assessment 5: Mock assessment at the end of year 10</p>	Terms 1&2

<p>1.1.2 Functionality of different software</p>	<p>This unit allows learners to explore the wide range of uses of specialist software in society. They will investigate how information technology is used in a range of contexts, including business and organisations, education and home use.</p> <p>By the end of Year 10, Students should know and understand:</p> <ul style="list-style-type: none"> ● system software ● applications software ● utility software ● specialist software ● information handling software ● open source software ● communication software. 	<p>Homework: fortnightly Knowledge Organiser and Knowledge Capture.</p> <p>Assessment 2: a practise non guided assessment to be completed in term 4.</p> <p>Assessment 5: Mock assessment at the end of year 10</p>	<p>Terms 3</p>
<p>1.1.3 Services provided by IT</p>	<p>This unit allows learners to explore the wide range of services provided by IT. They will investigate how information technology is used in a range of contexts, including business and organisations, education and home use.</p> <p>By the end of Year 10, Students should know and understand:</p> <ul style="list-style-type: none"> ● Smart TV - gaming, image capture and manipulation and webcam services ● Social networking: information needed to create accounts; services available ● Music and sound including downloading from the Internet and related issues ● Mobile phones / devices: banking, E-commerce 	<p>Homework: fortnightly Knowledge Organiser and Knowledge Capture.</p> <p>Assessment 5: Mock assessment at the end of year 1</p>	<p>Term 4, 5 & 6</p>

	<p>systems, payroll, modern mail handling methods</p> <ul style="list-style-type: none"> Control processes (feedback): robotics and bionics, artificial intelligence (AI) and expert systems, online shopping and searching for products on websites, booking online, registration systems, management information systems, weather forecasting systems, remote storage technologies, online education and blended learning, security systems, accessibility,, virtual reality and augmented reality, 3D Printing,, wearable technologies, cloud computing, disabled accessibility, emerging technologies. 		
<p>2.2 Planning, creating, modifying and using Spreadsheets</p>	<p>This unit enables learners to gain a broad working knowledge of spreadsheets to apply their knowledge and understanding to solve problems in vocational settings. Learners will need to draw on knowledge of 1.1 How IT can be used to fulfil the needs of organisations and individuals</p> <p>By the end of Year 10, Students should know and understand:</p> <ul style="list-style-type: none"> Planning and designing a spreadsheet Creating and formatting a spreadsheet Use of appropriate data formatting and adding suitable validation rules Use of appropriate formulae and functions to meet set outcomes Arranging, reducing and outputting data to help make decisions Modifying data and formulae to model 'what if' scenarios Testing and evaluating spreadsheets 	<p>Assessment 3: a non-examination assessment of 10 hours is delivered in lessons in Term 3. This cannot be completed outside of school</p>	<p>Term 1, 2 & 3</p>

<p>2.4 Planning, creating, manipulating and storing images</p>	<p>This unit enables learners to gain a broad working knowledge of spreadsheets to apply their knowledge and understanding to solve problems in vocational settings. Learners will need to draw on knowledge of 1.1 How IT can be used to fulfil the needs of organisations and individuals</p> <p>By the end of Year 10, Students should know and understand:</p> <ul style="list-style-type: none">● Planning and designing an image● Creating and modifying an image using appropriate tools and techniques● Storing the image appropriately and outputting the final image in a format that is fit for purpose	<p>Assessment 3: a non-examination assessment of 10 hours is delivered in lessons in Term 6. This cannot be completed outside of school</p>	<p>Terms 4,5 & 6</p>
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