

Purpose statement

The following purpose is for the **City & Guilds Level 3 Certificate in ICT Systems and Principles (500/3476/5)**

Area	Description
OVERVIEW	
<p>What does this qualification cover?</p>	<p>The City & Guilds Level 3 Certificate in ICT Systems and Principles for IT Professionals qualification provides a basic range of knowledge and practice required to work in the ICT industry in roles such as; support technician, network and cable installation designer, software developer, games developer or telecoms technician.</p> <p>To achieve this qualification you must obtain 24 credits from a range of units including:</p> <ul style="list-style-type: none"> • Maintain equipment and systems • Principles of ICT System and data security • Software testing • Networking principles • Systems architecture • Data representation and manipulation for IT • Creating an object oriented computer program • Creating a procedural computer program • Creating an event driven computer program • Telecommunications principles • Principles of ICT System and data security • Web fundamentals <p>For further information on the structure and the units that must be taken, please refer to the qualification handbook on the website:</p> <p>http://www.cityandguilds.com/qualifications-and-apprenticeships/it/it-professional/7540-ict-systems-and-principles-ict-professional-competence#tab=documents</p>
WHAT COULD THIS QUALIFICATION LEAD TO?	
<p>Why choose this qualification over similar qualifications?</p>	<p>This qualification provides some basic skills and knowledge for you to undertake a role within a supervised ICT environment in areas such as:</p> <ul style="list-style-type: none"> • Database administration • IT product development • Systems support help desk • Software development

<p>Alternatives routes to achieve the same outcome?</p>	<p>You can also take this qualification as part of the Apprenticeship for IT, Software, Web & Telecoms Professionals, however, taking this as a stand alone course allows a flexible route for those in employment and looking for a career change.</p> <p>Apprenticeships can be limited to the employer's environment, whereas this flexible qualification allows providers to deliver skills in a classroom based environment.</p> <p>The qualification also caters for those that are unemployed and those progressing from Level 2 who may not wish to take on or be able to afford an apprenticeship.</p>
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<p>How this qualification supports the identified outcome(s)?</p>	<p>This qualification has been created to provide a basic introduction into the ICT industry and allows you to select a set of units to support a specific of job role.</p> <p>Upon completion, learners can progress onto the following City & Guilds qualifications:</p> <ul style="list-style-type: none"> • Level 4 Diploma in ICT Professional Competence • Level 4 Diploma in ICT Systems and Principles • Higher Apprenticeship for IT, Software, Web & Telecoms Professionals or Level 4 Apprenticeships - Software Developer or Network Engineer
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WHO SUPPORTS THIS QUALIFICATION?

<p>Employer/Higher Education Institutions</p>	<p>The qualification is supported by the following employers and trade body:</p> <p>Employers: Cisco, ForgeRock, Optimity, Microsoft, IBM, Esuasive</p> <p>Trade Body: CompTIA</p>
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