

Level 2 Award | Software Development

 www.elatt.org.uk/courses/software



9 - 10 Weeks
Duration



6 Hours
Hours per week



9.30am - 4.30pm
Daytime study



6.00pm - 9.00pm
Evening study



Online
Environment

Course Content

- ▶ **Cybersecurity:** Learners will investigate the accidental and malicious security threats that exist to IT systems and data. They will learn about system vulnerabilities and the tools and techniques used to protect users from risks and potential damage, including loss of data, loss of data integrity and unauthorised access to data.

Requirements and Qualifications

Entry Requirements

- ▶ English: Level 1 (Functional Skills, GCSE, ESOL or equivalent)
- ▶ IT: Level 1
- ▶ Please bring your prior qualification certificates with you to your first Assessment meeting.
- ▶ If you don't have your certificates, we'll ask you to complete a short English and IT assessment so that we can make sure you're ready for this course. Find out more about the application process at elatt.org.uk/about/our-training

Awarding Body

- ▶ Gateway

Qualifications

- ▶ Level 2 Award in Digital and IT Skills

Level 2 Certificate | Software Development

 www.elatt.org.uk/courses/software



6 - 12 Weeks
Duration



6 - 12 Hours
Hours per week



9.30am - 4.30pm
Daytime study



6.00pm - 9.00pm
Evening study



Online
Environment

Course Content

- ▶ **Digital Skills Career Progression:** This unit provides learners with an understanding of the importance of digital skills in the workplace and how changes in employment have led to an increase in demand across a number of sectors. Learners will learn about the different types of job roles where digital skills are required, and the characteristics valued by employers to establish a successful career in today's digital economy. Learners will also identify their own career/progression goals and plan how they will develop their digital skills to meet their intended goals.
- ▶ **Computer Programming:** In this unit learners will learn about the principles of computer programming to understand how programming works. They will develop text-based programming skills to design and develop their own computer program.
- ▶ **Digital Skills Project:** Learners will develop the knowledge and skills to plan, develop and review a digital skills project.

Requirements and Qualifications

Entry Requirements

- ▶ English: Level 1 (Functional Skills, GCSE, ESOL or equivalent)
- ▶ IT: Level 1
- ▶ Please bring your prior qualification certificates with you to your first Assessment meeting.
- ▶ If you don't have your certificates, we'll ask you to complete a short English and IT assessment so that we can make sure you're ready for this course. Find out more about the application process at elatt.org.uk/about/our-training

Awarding Body

- ▶ Gateway

Qualifications

- ▶ Level 2 Certificate in Digital and IT Skills

Level 2 Diploma | Software Development

 www.elatt.org.uk/courses/software



12 - 24 Weeks
Duration



6 - 12 Hours
Hours per week



9.30am - 4.30pm
Daytime study



6.00pm - 9.00pm
Evening study



Online
Environment

Course Content

- ▶ **Customer support provision for the ICT professional:** You will learn how to record and log customer support requirements, existing hardware and software resources, and identify customer needs in the IT industry.
- ▶ **Software testing fundamentals:** This unit has been designed to help a learner build an understanding of these topics: test methodologies. It also focuses on working with software bugs, creating and managing software tests, and even test automation.
- ▶ **Creating an event driven computer program:** This unit covers more advanced concepts of event-driven computer languages and their use to implement, refine and test computer programs.
- ▶ **Creating an procedural computer program:** This unit covers more advanced concepts of procedural computer languages and their use to implement, refine and test computer programs.

Requirements and Qualifications

Entry Requirements

- ▶ English: Level 1 (Functional Skills, GCSE, ESOL or equivalent)
- ▶ IT: Level 1
- ▶ Please bring your prior qualification certificates with you to your first Assessment meeting.
- ▶ If you don't have your certificates, we'll ask you to complete a short English and IT assessment so that we can make sure you're ready for this course. Find out more about the application process at elatt.org.uk/about/our-training

Awarding Body

- ▶ City & Guilds

Qualifications

- ▶ Diploma in ICT Systems and Principles for IT Professionals Level 2

Level 3 Diploma | Software Development

 www.elatt.org.uk/courses/software



20 - 27 Weeks
Duration



6 - 12 Hours
Hours per week



9.30am - 4.30pm
Daytime study



6.00pm - 9.00pm
Evening study



Online
Environment

Course Content

- ▶ **Customer support provision for the ICT professional:** You will learn how to provide technical customer support and gather feedback from customers, and understand the processes involved in improving the way in which customers use networked ICT systems.
- ▶ **Software design fundamentals:** This unit covers the principles of software design and the application of the techniques used in software design to represent software solutions.
- ▶ **Principles of ICT system and data security:** This unit develops an understanding of the types of threat to ICT systems and data and methods of protecting against them. It also covers an understanding of the applications.
- ▶ **Software testing:** This unit introduces the basics of testing strategies and their application.
- ▶ **Presentation Software:** This unit introduces the use of software applications to produce effective presentations which include a combination of media including images, animation and sound for the purpose of education, entertainment or information sharing.

Requirements and Qualifications

Entry Requirements

- ▶ English: Level 1 (Functional Skills, GCSE, ESOL or equivalent)
- ▶ IT: Level 1
- ▶ Please bring your prior qualification certificates with you to your first Assessment meeting.
- ▶ If you don't have your certificates, we'll ask you to complete a short English and IT assessment so that we can make sure you're ready for this course. Find out more about the application process at elatt.org.uk/about/our-training

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Level 3 Diploma | Software Development

 www.elatt.org.uk/courses/software

Awarding Body

- ▶ City & Guilds

Qualifications

- ▶ Diploma in ICT Systems and Principles for IT Professionals Level 3