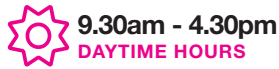
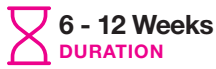


Level 2 Diploma | Computer Engineering

 www.elatt.org.uk/courses/computer-engineering

ADULT COURSES



What you will learn

Gain essential skills through project-based learning and real-world scenarios, including:

- ▶ Fundamentals of computer hardware and assembly.
- ▶ Introduction to networking and network security.
- ▶ Software installation and system configuration.
- ▶ Troubleshooting hardware and software issues.
- ▶ Understanding of digital technologies and workplace IT systems.
- ▶ Essential cybersecurity principles and online safety.
- ▶ Customer support provision, ICT system and data security, technical fault diagnosis, Windows-based operating systems, and networking fundamentals.
- ▶ Engage in practical learning by **diagnosing technical issues**, managing **operating systems**, and understanding **security threats**, ensuring you develop both **problem-solving abilities** and **technical proficiency**.

Entry Requirements

No formal qualifications are required to join this course.

However, students should have basic computer skills, including:

- ▶ Familiarity with office applications (e.g., Word, Excel).
- ▶ Basic email communication skills.
- ▶ General IT usage and digital confidence.

Qualifications you will earn

Awarding Body:

- ▶ City & Guilds

Qualifications:

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

Level 3 Diploma | Computer Engineering

 www.elatt.org.uk/courses/computer-engineering-level-3

ADULT COURSES

 **12 - 24 Weeks**
DURATION

 **6 - 12 Hours**
HOURS PER WEEK

 **9.30am - 4.30pm**
DAYTIME HOURS

 **6.00pm - 9.00pm**
EVENING HOURS

 **Online**
ENVIRONMENT

What you will learn

Build advanced skills through hands-on projects and real-world simulations, including:

- ▶ Network architecture and protocols.
- ▶ Firewall configuration and cybersecurity measures.
- ▶ Windows and Linux system administration.
- ▶ Advanced troubleshooting and fault diagnosis.
- ▶ Virtualisation and cloud-based systems.
- ▶ Data protection, backup systems, and disaster recovery.
- ▶ Scripting and automation for IT operations.
- ▶ Customer support provision.
- ▶ IT consulting fundamentals.
- ▶ Office and productivity software (e.g. Word, Excel).
- ▶ Cloud infrastructure simulation and deployment.
- ▶ Network management and performance monitoring.
- ▶ IT security fundamentals and risk assessments.
- ▶ Windows-based server administration.
- ▶ Server installation and configuration projects.
- ▶ Develop both **technical expertise** and **problem-solving abilities** through practical learning, peer collaboration, and tutor-led workshops—preparing you for real roles in today's digital infrastructure.

Entry Requirements

Before enrolling in this course, students should ideally have:

- ▶ A basic understanding of IT, such as a Level 2 IT qualification, GCSE ICT, or equivalent experience.
- ▶ Prior knowledge of computer hardware, networking, and Windows operating systems.

Qualifications you will earn

Awarding Body:

- ▶ City & Guilds

Qualifications:

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