

Level 2 Diploma | Computer Engineering

www.elatt.org.uk/sixth-form/computer-engineering-level-2-3

SIXTH FORM

 **September - July**
DURATION

 **12 Hours**
HOURS PER WEEK

 **9.30am - 4.30pm**
DAYTIME HOURS

 **In Person Classes**
ENVIRONMENT

What you will learn

- ▶ Install and configure computer hardware and software systems.
- ▶ Understand the principles of computer networks and connectivity.
- ▶ Apply **preventive maintenance** techniques to devices and systems.
- ▶ Identify and respond to **cybersecurity threats** and system vulnerabilities.
- ▶ Learn how to **troubleshoot IT issues** and provide technical support.
- ▶ Gain confidence in using industry tools and understanding system performance.

Entry Requirements

- ▶ Age 16–19, or 19+ with an active Education, Health and Care Plan (EHCP).
- ▶ Good basic knowledge of how to use a computer.
- ▶ Comfortable using the internet, downloading files, and using Word or similar tools.
- ▶ Entry Level 3 to Level 1 English preferred.

Level 3 Diploma | Computer Engineering

 www.elatt.org.uk/sixth-form/computer-engineering-level-2-3

SIXTH FORM

 **September - July**
DURATION

 **12 Hours**
HOURS PER WEEK

 **9.30am - 4.30pm**
DAYTIME HOURS

 **In Person Classes**
ENVIRONMENT

What you will learn

- ▶ Understand and apply **ICT customer support processes** by logging user needs and offering technical assistance.
- ▶ Learn about **data and system security**, including cryptographic methods to protect ICT systems.
- ▶ Master **advanced word processing** tools to create professional documents.
- ▶ Assist in **technical fault diagnosis** by following structured procedures.
- ▶ Plan, run, and evaluate tests on **ICT systems and networks** using standard testing methods.
- ▶ Maintain ICT equipment, networks, and multi-user systems to ensure functionality and reliability.
- ▶ Install, configure, and upgrade both standalone and networked **operating systems and software**.
- ▶ Understand essential **health and safety practices** in engineering environments, including legislation and risk assessment.

Entry Requirements

- ▶ A Level 2 qualification in IT, Computer Engineering, or a related subject.
- ▶ A strong interest in technology and problem-solving.
- ▶ Good knowledge on how to use a computer, using the internet for research and downloading basic files from websites, using word to create documents.