

Level 2 Award | Software and Web Development

 www.elatt.org.uk/courses/software-web-development-level-2

ADULT COURSES



What you will learn

- ▶ Learn the fundamentals of **HTML, CSS, and JavaScript**—the essential building blocks of web development.
- ▶ Understand key programming paradigms: **object-oriented, event-driven, procedural, and graphical/visual programming**.
- ▶ Gain the skills to create a **basic interactive interface** using scripting, equipping you with solid groundwork for more advanced programming concepts.

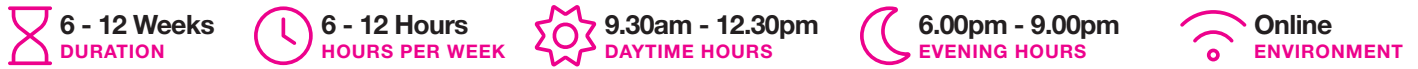
Entry Requirements

- ▶ There are no formal entry requirements for this course. An interest in technology and basic digital skills will be helpful, but not essential.
- ▶ We will assess your skills at enrolment to ensure you join the right level for your experience and goals.

Level 2 Certificate | Software and Web Development

 www.elatt.org.uk/courses/software-web-development-level-2

ADULT COURSES



What you will learn

- ▶ Dive deeper into programming with an industry-standard, text-based language.
- ▶ **Learn Python basics** and explore object-oriented programming principles to structure your applications effectively.
- ▶ Design, produce, test, and refine a program while gaining insight into the digital landscape through real-world projects.
- ▶ Create your own digital skills development plan tailored to your career goals.
- ▶ Meet with industry professionals to understand how digital skills shape careers and what it takes to succeed in today's tech-driven world.
- ▶ Build confidence through hands-on learning, peer feedback, and tutor-led labs.

Entry Requirements

- ▶ There are no formal entry requirements for this course. An interest in technology and basic digital skills will be helpful, but not essential.
- ▶ We will assess your skills at enrolment to ensure you join the right level for your experience and goals.

Level 2 Diploma | Software and Web Development

 www.elatt.org.uk/courses/software-web-development-level-2

ADULT COURSES



What you will learn

- ▶ Advance your skills in **event-driven and procedural programming**.
- ▶ Gain real-world experience with **customer support and software testing**.
- ▶ Learn version control using **GitHub** for collaborative coding.
- ▶ Build digital solutions for real scenarios with structured tutor support.
- ▶ Work independently on projects using professional development techniques.

Entry Requirements


- ▶ There are no formal entry requirements for this course. An interest in technology and basic digital skills will be helpful, but not essential.
- ▶ We will assess your skills at enrolment to ensure you join the right level for your experience and goals.


Level 3 Diploma | Software and Web Development


 www.elatt.org.uk/courses/software-web-development-level-3

ADULT COURSES

 **20 - 27 Weeks**
DURATION

 **6 - 12 Hours**
HOURS PER WEEK

 **9.30am - 12.30pm**
DAYTIME HOURS

 **6.00pm - 9.00pm**
EVENING HOURS

 **Online**
ENVIRONMENT

What you will learn

- ▶ Refine front-end skills with **advanced HTML** and **CSS3 (W3C standards)**.
- ▶ Learn React.js, APIs, cloud platforms like AWS or Firebase.
- ▶ Build dynamic web apps using **JavaScript, jQuery, and React.js**.
- ▶ Intro to AI development.
- ▶ Project-based learning in cloud computing environments.
- ▶ Create and manage APIs, working with **RESTful API integrations**.
- ▶ Master command line tools and workflows.
- ▶ Recap and deepen **Python** knowledge, focusing on classes and application design.
- ▶ Learn basics of **SQL databases** and relational database management.
- ▶ Build full-stack web applications, from user interface to backend database.
- ▶ Develop teamwork, project management, and problem-solving skills through real-world simulations.

Entry Requirements

To join this course, you should have either:

- ▶ Successfully completed a Level 2 qualification in Software Development, Web Development, IT, or a related subject; or
- ▶ Have equivalent experience with basic coding skills (HTML, CSS, simple programming in Python or JavaScript).