

# Website Development Level II

This **12-week foundation training course** is designed to align with the **Unit 13: Website Development**, for the **BTEC Level 2 National Diploma/Extended Diploma in Information Technology**.

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Week	Topics	Key Topics & Activities	Assessment Tasks
1	Introduction to Web Development <i>(Learning Aim A)</i>	- Purpose and types of websites- Target audience- Hosting and domains	- Research task: Compare 3 websites
2	Web Technologies Overview <i>(A)</i>	- HTML, CSS, JavaScript basics- Responsive design- Accessibility & usability	- Code walk-through & discussion
3	Design Principles <i>(Learning Aim B)</i>	- Layout design (wireframing)- Colour theory, typography- UX/UI fundamentals	- Create annotated wireframes
4	Client Requirements & Planning <i>(B)</i>	- Define site purpose- Functional vs non-functional requirements- Planning documentation	- Requirements gathering exercise- Gantt chart for project
5	HTML Structure & Elements <i>(Learning Aim C)</i>	- Semantic HTML- Headings, paragraphs, links, images, lists, forms	- Build homepage with structure & content
6	Styling with CSS <i>(C)</i>	- Selectors, properties- Box model, positioning- Media queries	- Apply CSS to homepage- Mini quiz
7	Navigation and Layout <i>(C)</i>	- Internal linking- Navigation bars- Responsive layout using Flexbox/Grid	- Add navigation and site layout
8	Enhancing Interactivity <i>(C)</i>	- Introduction to JavaScript- Image sliders, form validation- Embedded media (maps/videos)	- Add basic JavaScript interaction
9	Testing & Fixing <i>(Learning Aim D)</i>	- Browser and device compatibility- Debugging tools- Functional and usability testing	- Complete test plan with screenshots

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10 Review and Evaluation ( <i>D</i> )	- Gathering user feedback- Evaluation against requirements- Improvements and refinements	- Write evaluation document
11 Final Improvements & Documentation	- Implement improvements- User guide creation- Backup and deploy site (local or free host)	- Submit technical documentation
12 Showcase and Submission	- Peer feedback- Project walkthroughs- Final submission of evidence	- Final checklist and portfolio submission

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