Award in Web Design

Applying for this course

To apply for this course, you should have completed compulsory schooling up to 65 years of age and in possession of an MQF Level 2 qualification in English. In case of any difficulties regarding the entry requirements kindly contact us on qa.jobsplus@gov.mt.

Course Duration

This course is of 100 hours duration and consists of four Modules:

- Module 1 is of 20 hours duration - (including 1-hour assessment)
- Module 2 is of 20 hours duration - (including 1-hour assessment)
- Module 3 is of 40 hours duration - (including 1-hour assessment)
- Module 4 is of 20 hours duration - (including 1-hour assessment)

General pedagogical guidelines and procedures for this course:

The delivery of this course will be mainly held through a series of practical, hands-on exercises. The trainer will be holding lessons with the learners in a computer lab set-up, which will consist of various discussions and client-specific case studies.

This course can also be delivered online. In such cases, the learner is required to have a working camera and a working microphone.

General assessment policy and procedures for this course:

The learner will be assessed through a written test. The learner will also undergo an ongoing oral assessment of learning (including communication skills) and practical exercises that will take place throughout the entire programme. This assessment method gives tutors the opportunity to review and consolidate the learning being covered. Trainees will also have ongoing assessments which will be carried out throughout each of the modules.

Module 1 Learning Outcomes – Hardware, Network Fundamentals and Troubleshooting

✓ Explain the fundamental concepts of the internet and its infrastructure.	✓ Differentiate between different types of web hosting environments.
✓ Understand the history and evolution of the internet.	✓ Understand the structure and routing of websites within a hosting server.
✓ Identify the components and protocols used in networking.	✓ Choosing a set, a domain name.
✓ Explain the purpose and functioning of IP addresses.	✓ Choose between different types of hosting server environments and set a hosting environment to work with a domain name.
✓ Understand the role of DNS in translating domain names to IP addresses.	✓ Set the filing structure and root directories within the hosting environment.

Module 1 Assessment:

Each learner will undergo a written assessment, which will be comprised of a number of multiple-choice questions. This will have a total of 1000% of the global mark. The pass mark is 45%.

✓ Understand the principles and elements of design.	✓ Create wireframes and prototypes to visualize the website layout and interactions.
✓ Apply design theories and concepts to web design projects.	✓ Plan the information architecture and navigation structure of a website.
✓ Analyse target audience and user requirements for effective design.	✓ Select appropriate colour schemes, typography, and imagery for design coherence.
✓ Conduct competitor analysis and research for design inspiration.	✓ Consider usability and accessibility principles in design decision-making.
✓ Develop a design brief and establish project goals.	✓ Collaborate with stakeholders to gather feedback and refine design concepts.

Module 2 Assessment:

Each learner will undergo a written assessment, which will be comprised of a number of multiple-choice questions. This will have a total of 1000% of the global mark. The pass mark is 45%.

✓ Understand the structure and syntax of HTML.	✓ Understand the role of CSS in web design.
✓ Create HTML documents using tags and elements.	✓ Style text, backgrounds, and borders using CSS.
✓ Incorporate text, images, and links into web pages.	✓ Apply colours, gradients, and shadows to enhance the visual appeal of web pages.
✓ Utilize HTML5 semantic elements to enhance the structure and accessibility of web pages.	✓ Create responsive layouts using CSS3 techniques.
✓ Build navigation menus and lists for easy website navigation.	✓ Understand the CSS box model and position elements effectively.
✓ Embed multimedia elements, such as audio and video, into web pages.	

Module 3 Assessment:

Each learner will undergo a written assessment, which will be comprised of a number of multiple-choice questions. This will have a total of 1000% of the global mark. The pass mark is 45%.

- ✓ Understand web security threats and vulnerabilities.

- ✓ Implement security best practices to protect websites.

- ✓ Backup website data regularly for data protection.

- ✓ Use security tools to scan and test websites for vulnerabilities.

- ✓ Collect and analyse web analytics data for performance tracking.

- ✓ Utilize web analytics to improve website usability and engagement

- ✓ Identify trends in website traffic for informed marketing decisions.

- ✓ Apply SEO principles to enhance website rankings in search engines.

- ✓ Utilize SEO tools to track and optimize website performance.

- ✓ Optimize website content for improved search engine visibility.

- ✓ Recognize the importance of website maintenance.

- ✓ Perform routine maintenance tasks for website upkeep.

Module 4 Assessment:

The learner will need to undertake a project assignment (developing a website) which will take into account the knowledge gained from all the four modules of this course.

The pass mark is that of 45%. This assignment will be done at home and will be handed in to the Trainer during the final module.

The Malta Further and Higher Education Authority (MFHEA) deems this certificate to be at Level 4 of the Malta Qualifications Framework and the European Qualifications Framework for Lifelong Learning. This course comprises study modules to which a total of 5 ECTS points are assigned.