TECHNICAL
EDUCATION
ACADEMY

School of Computer Science

COURSE PROGRAMME

000244

Foundations of web development

This module sets out essential concepts and skills relating to the ability to understand key web publishing concepts and to create, upload and maintain a static web site.



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Course overview

Foundation level

Why take this course

This module sets out essential concepts and skills relating to the ability to understand key web publishing concepts and to create, upload and maintain a static web site. The Web Editing module sets out key web publishing concepts and the skills required to create, upload, and maintain a web site. It also covers important issues such as security and copyright.

Thanks to the internet, it’s never been easier to communicate with a worldwide audience. Websites are crucial for virtual interactions, from selling products or services to sharing ideas or knowledge. Having the skills to set up a website and use web authoring software to maintain and update it are highly valuable in a competitive work environment.

Who it is for and how it helps

Websites are a common tool of businesses, organisations, and communities. This makes the Web Editing module suitable for a wide range of candidates, including employees, volunteers, students, graduates, and bloggers.

What you will learn

- Understand key web concepts and terms.
- Know about the basic principles of HTML and use common HTML mark-up tags to modify the layout of a web page.
- Use a web authoring application to design and format web pages, format text, and work with hyperlinks and tables
- Recognise and use common web image formats and create forms in a web page.
- Understand and use cascading style sheets.
- Prepare web pages for publishing to a web server.

Curriculum

Modules 01–06

01 Web Concepts

- Key Terms
- Web Publishing
- Legal Issues

02 HTML

- Fundamentals of HTML
- Using HTML

03 Web Authoring

- Design
- Using the Application
- Enhancing Productivity
- Text Input and Formatting
- Paragraph Formatting
- Page Formatting
- Hyperlinks
- Tables

04 Using Objects

- Graphical Objects
- Forms

05 Styles

- CSS Concepts
- Using CSS

06 Prepare Upload

- Check
- Publish

Curriculum

Pre-course requirements

- Basic knowledge and skills of web editing

Programme instructor

DA

Dina Afanasyeva

Программист и эксперт в области полнофункциональной веб-разработки для создания креативных и сложных веб-приложений. С опытом разработки и внедрения информационной системы управления процессами обучения и автоматизации рабочих мест, а также платформы для получения онлайн-услуг. Особый интерес проявляет к обучению веб-разработке с использованием таких языков, как JavaScript, в частности VueJS, PHP (Laravel, Yii2), NodeJS, HTML5, CSS3, а также новым технологиям, таким как программирование облачных и вычислительных систем, Blockchain. В настоящее время участвует в проектах, связанных с разработкой компьютерных и мобильных приложений для обучения.

Состоит в национальной сборной WorldSkills Kazakhstan по компетенции веб-разработка.
2019 - Победитель WorldSkills Kazakhstan
2020 - Победитель WorldSkills Eurasian
2021 - Победитель Unofficial European Web Development Competition
2021 - Бронзовый призер EuroSkills Graz 2021.

Joining the programme

Contact the Academy and quote course code 000244 to confirm dates, delivery format, prices and enrolment terms.

Training for your team

Tell us your business goals, the roles and number of participants, and your preferred dates and location. This will help us discuss the right training option.

Preparing for the programme

Read the pre-course requirements in this programme before enrolling.

Discuss your training needs

mail@tecedu.org
www.tecedu.academy

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