

Information and Communications Technology Training Program

Karadeniz Technical University / Turkey



Founded on 20 May 1955, Karadeniz Technical University (KTU) is the fourth oldest university in Turkey, and the first university established outside İstanbul and Ankara.



With about 80 departments in 17 faculties, seven institutes, four higher education schools, about 50 programs in 13 vocational schools, many research and application centres, about 2150 teaching staff (with about 900 holding Ph.D.s), and about 55,000 students, Karadeniz Technical University is one of the largest universities in Turkey.



*Continue
your
professional
development*



CERTIFICATE of COMPLETION

Do you want an industry-recognised accreditation to further your career and raise your level of expertise?

TURKEY TRAININGS' basic Certificate Program will give you the perfect head-start within your chosen industry. Combining theoretical discussion with practical hands on programming, you will be able to apply your new found skills in real world scenarios in the safety of a classroom.

Our courses are open to anyone with an aptitude and enthusiasm for the chosen sector. Certification trainings are held over ten days, and you will gain all the tools you need to plan, prepare, promote, and deliver with maximum impact.

MASTER CERTIFICATE

You may choose to enter the business immediately; however, a Master Certificate in your chosen field may increase income opportunities.

Master Certificate Programs typically offer concentrated studies in management techniques and business practices, providing a focus on economics with more concentrated studies.

Certification trainings are held over ten to fifteen days, and successful completion of this course will give you a wider skill set and a greater, more varied knowledge. Master Certificate Programs can take your career to the next level.



Course Objectives

- You will gain the skills and project-based experience needed for web design and development careers.
- You will be able to use a group of tools to create websites.

You will be able to create standards-based websites that can be accessed by the full spectrum of web access technologies



Lecturer: Ibrahim SAVRAN PhD

Graduated from the Computer Science in the University of South Carolina, USA in 2014. During the PhD study, he lectured CSCE 101/102 courses for two years. He has been teaching computer hardware and high performance computing courses in the Computer Engineering Department of Karadeniz Technical University since 2015.





How to Use This Course

- The course is organized into the following six units. Each unit is further organized into modules, and each module includes one or more lessons.
- The units are listed next page. Lessons and exercises for each unit are all listed next page.
- Instructor will have additional activities for you along the way



Training Contents



Unit 1: Designing and Planning Web Pages

Module 1: Basic Site Evaluation

- Surveying the Possibilities
- Developing a Website Evaluation Tool

Module 2: Web Standards & Accessible Design

- Web Standards
- How People with Disabilities Access the Web

Module 3: Planning a Website

- Organizing a Website
- Client/Server side Website
- Planning the Client Website
- Constructing the Client Website

Unit 2: Creating Pages with HTML

Module 1: HTML Coding style

- Coding
- HTML Syntax
- Essential Tags
- Common Tags
- Validating HTML code
- Exercise

Module 2: HTML Lists

- Lists
- Creating a Navigation Menu
- Exercise

Module 3: Creating Links

- Linking to External Internet Sites
- Linking to Pages Within Your Website
- Special Types of Links
- Exercise

Module 4: Creating a Data Table

- Creating a Data Table
- Exercise

Training Contents



Unit 3: Formatting Web Pages with Style Sheets

Module 1: Introduction to Cascading Style Sheets

- Styling elements
- Applying Styles
- Linking to an External Style Sheet
- Validating tools for CSS
- Exercise

Module 2: Color in CSS

- Understanding Color in CSS
- Applying Color in CSS
- Exercise

Module 3: The Box Model in CSS

- Understanding The Box Model in CSS
- Applying The Box Model in CSS
- Exercise

Module 4: The Role of ID and Class in CSS

- Understanding ID and Class in CSS
- Applying ID and Class in CSS
- Pseudo-class Selectors
- Exercise

Module 5: Page Layout Techniques

- Page Layout with CSS
- Stylizing a Navigation Menu with CSS
- Exercise

Unit 4: Graphics/Images

Module 1: Introduction to Web Graphics

- Understanding Web Graphics
- Introduction to Web Graphics
- Copyright Law and Graphics on the Web

Module 2: Creating a Web Photo Album

- Acquiring Images for Web page
- Cropping and Resizing
- Adding Images to Your Web Page

Module 3: Creating a Web Page Banner

- Selection Tools/ Menu
- Layer Effects and Blending
- Background Images

Training Contents



Unit 5: Scripting- Javascript

Module 1: Overview of Scripting on the Web

- Client-side vs. Server-side Scripting
- Using JavaScript to Show an Alert
- JavaScript Errors and Debugging
- Variables / data types
- Events
- Exercise

Module 2: Javascript

- Using JavaScript to Hide/Show Content
- Functions/parameters
- Exercise

Module 2: Form elements and Javascript

- Submit/Cancel buttons
- Buttons
- Textbox/Radiobuttons
- Events/Click/mouseover...
- Exercise

Unit 6: Website Management and Authoring Tools

Module 1: Web Authoring Software

- Basic Features of Web Authoring Software
- Site Management Features

Module 2: Publishing on the Web

- Website Hosting Services
- Website Publishing Tools

This intensive course program is designed as 7-day sessions.





Breakfast-Lunch-Dinner Included – University Restaurant



Anyone can transform their life by accessing high-quality learning experience.

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