Real Time College

Course: CSS 3
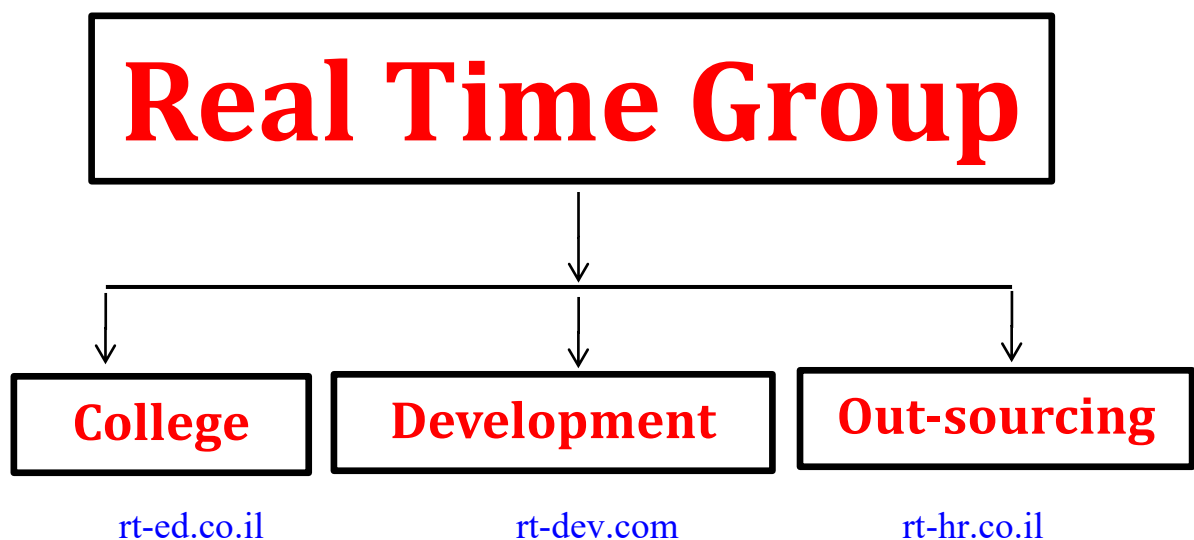
Duration: 20 Hours
Hands-On-Training: 50%

Real Time Group is a multi-disciplinary dynamic and innovative Real-Time O.S. and Embedded Software Solutions Center, established in 2007.

Providing Bare-Metal and Embedded Linux solutions, professional services and consulting, end-to-end flexible system infrastructure, outsourcing, integration and training services for Hardware, Software and RT-OS \ Embedded Systems.

The company is divided into the following three Divisions:

Real Time Group

College	Development	Out-sourcing
rt-ed.co.il	rt-dev.com	rt-hr.co.il

Training Division:

Professional Training Services for Hardware, Software, RT-OS and Embedded systems industries.

We provide the knowledge and experience needed to enable professional engineers to Develop, Integrate and QA Hardware, Software and Networking Projects.

In order to insure experience, all courses are practical – hands-on-training.
The latest Development, QA and Automation equipment which are adopted by the industry are used.

All students are supplied with Development-Boards for home-work and course projects.

Course Overview:

Expertise in web standards and website technology can help beginners and developers reliable, efficient and maintainable websites. Learn HTML, responsive design, how to manage hosted websites, and more.

If you're starting from scratch, web development can be tricky - we'll give you enough details to make you feel comfortable and learn the topics well.

We will help you get the necessary skills, put together projects for your resume and get a decent job in the company you are interested in.

In the first block of the lectures you will already write your first website on it - using HTML, CSS and Bootstrap

The third part **CSS 3** course we have to learn because - it's almost pointless to try to create a modern website without using CSS (Cascading Style Sheet) capabilities. This standard is woven into the fabric of the World Wide Web almost as tightly as HTML. Cascading Style Sheets are the primary vehicle for any type of web design activity, be it page layout, creating interactive buttons and menus, or simple decoration. In fact, while the focus of HTML is increasingly shifting to content and semantics, the CSS specification has become a central technology in web design.

It is not theoretical course! - From the first steps, students work on real cloud Linux servers, gets experience with real client-server applications, using a set of modern open source tools

Who should attend:

- Beginners and developers who would like to know how create provide interaction web applications

Prerequisite:

- Basic knowledge of programming and design

CSS 3

1. **CSS 3**
   a. HTML attributes and CSS styles
   b. CSS file and selection types
   c. CSS Pseudo-classes
   d. CSS Style inheritance
   e. CSS Cascading styles
   f. CSS margin / padding
   g. CSS border
   h. CSS Colors
   i. CSS element position
   j. CSS Gradients

2. **Adaptive design**
   a. Screen Object Properties
   b. View Port
   c. Media query

3. **Flex**
   a. What is Flexbox. Flex container
   b. Flex-direction
   c. flex-wrap
   d. flex-flow. Item order
   e. Aligning elements. justify-content
   f. Aligning elements. align-items and align-self

g. Alignment of rows and columns. align-content

h. Element management. flex-basis, flex-shrink and flex-grow

i. Multi-column design with Flexbox

j. Flexbox page layout

4. **CSS for JavaScript developers**

a. Units: px, em, rem and others

b. All display property values