

Bring ideas to life
VIA Summer School



RWD IS1

Responsive Web Design

Course Description

Code:	RWD IS1
Language:	English
ECTS:	5 ECTS (3 weeks) or 10 ECTS if you take this course as an 8-week course. If you follow two 8-week courses, you will get 15 ECTS in total.
Organizer:	ICT Engineering
Prerequisites:	Basic knowledge
Introduction:	The purpose of this course is to obtain a profound knowledge of and practical skills in web development. You will learn how to create a website in Hypertext Markup Language (HTML5), and how to style your webpages using Cascading Style Sheets (CSS3). You will learn about responsive web design. How to create websites that are platform independent, and how to create "smart" web sites using jQuery and Twitter Bootstrap.
Main Purpose:	The main purpose of the course is to introduce a set of theories, tools and practicable methods in order to obtain a profound knowledge as well as practical skills of web development. Students will also be trained in creating web sites running on a pc and mobile devices using basic web programming and design combined with jQuery.
Topics:	<ul style="list-style-type: none">- HTML5- CSS3- W3C Validation- Responsive web-Design (Multiplatform)- jQuery- Twitter Bootstrap
Activities:	<ul style="list-style-type: none">- Group tasks- Problem solving and case studies- Discussions- Oral Presentations- Written activities- Final Exam – Oral group presentation
Literature:	<ul style="list-style-type: none">- Selected by the teacher
Having completed this course, students should be able to:	<ul style="list-style-type: none">- Create platform independent web applications
Course Evaluation:	<p>The student can choose either to be graded according to the Danish grading standards or to receive the approved/failed grade.</p> <p>To approve the course student needs to comply the following:</p> <ul style="list-style-type: none">- all necessary assignments must be approved by the teacher- the Course Project needs to be handed in before the deadline and presented in front of the class, a short written description of the project needs to be prepared as well- full attendance during the course <p>Everyday attendance is compulsory. In case of illness documentation from a doctor is required, and only one day off will be accepted.</p> <p>To receive a specific grade, besides mentioned above, student has to attend an official oral examination, where questions about theoretical aspects of the Course Project will be asked.</p>
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