

## Course programme

IFI7174	Web Workshop		
ECTS credits: 4ECTS	Amount of contact lessons: 32	Teaching semester: Fall	Assessment form: Exam
Course objectives:	This course recaps HTML, CSS and JavaScript principles and introduces the responsive Web building blocks. The course, also allows students to develop their first responsive Web prototypes.		
Brief description of course content:  (including the description of the independent work)	<p>Web development</p> <ul style="list-style-type: none"> <li>(1) HTML;</li> <li>(2) CSS;</li> <li>(3) JavaScript;</li> <li>(4) Responsive Web design.</li> </ul> <p>Students will be asked to develop a small project and perform practical exercises. Equivalent to 68 hours of independent work.</p>		
Learning outcomes:	Having successfully completed the course, students will be able to code responsive Web prototypes.		
Assessment Methods:	Exam		
Lecturer(s):	Sónia Sousa, PhD		
Course title in Estonian:	Veebiarenduse töötuba		
Prerequisite course(s):	None specific.		
Compulsory literature:	The course materials are available in the course cloud service (Gdrive)		
Replacement literature:	<p>Duckett, Jon. HTML&amp;CSS design and build websites. John Wile &amp; Sons, ISBN: 978-1.118-00818-8, 2011.</p> <p>Marcotte, Ethan. Responsive Web Design, ISBN 978-0-9844425-7-7, 2011.</p> <p>JavaScript W3Schools tutorials.</p> <p>Keith, Jeremy. HTML5 for web designers, ISBN 978-0-9844425-0-8, 2010.</p>		

	<p>Cederholm, Dan. CSS3 for Web Designers, ISBN 978-0-9844425-2-2, 2010.</p> <p>W3Schools tutorials</p>
Participation and exam requirements:	<p>Students are required to:</p> <ul style="list-style-type: none"> <li>• Students are required to participate in 70% out of the foreseen contact hours;</li> <li>• To do a final project;</li> </ul>
Independent work:	<p>Students will be expected to:</p> <ul style="list-style-type: none"> <li>• Work on exercises (performed in class);</li> <li>• To do individual and collaborative work tasks (in-between lessons)</li> <li>• To do a final project (deadline 11.12.15)</li> </ul>
Grading criteria scale or the minimum level necessary for passing the subject:	<p>For students to pass, each student is required to present and defend orally his/her project and attend at least 70% of the contact lessons.</p> <p>To pass the student has to be graded D or more.</p> <p>Grading criteria: The small exercises performed in class (35%), a project (45%) and the presentation and defence (15%), participation (5%).</p> <p>Grading criteria (on the acquisition of conceptual and technical and practical skills):</p> <p>A (85-100) excellent: fully designed and implemented the exercises and project tasks. Show enough confident in their coding skills.</p> <p>B (75-85) very good: partially designed and implemented the exercises and project task. Show some confident in their coding skills.</p> <p>C (65-75) good: partially designed but partially implemented the projects. Show a generic comprehension in coding skills.</p> <p>D (55-65) satisfactory: partially designed but partially implemented the projects. Show an elementary comprehension in coding skills.</p> <p>E (50-55) sufficient: partially designed but partially implemented the projects. Show basic comprehension in coding skills.</p> <p>F - fail: - less than 50% of the work is done. More work is required before the credit can be awarded.</p>
Information about the course:	<p>Schedule:</p> <p>4.09.15 (4 hours): HTML recap: text, lists, links, images, tables, and forms.</p>

(Topics by contact session, deadlines of independent works and exams/assessments times)	18.09.15 (4 hours): CSS recap: color, text, boxes, lists, tables, forms, layout and images 2.10.15 (4 hours): JavaScript recap: statements, comments, variables, data types, objects, functions, operators, conditions, loops, breaks and validation 16.10.15 (4 hours): Responsive Web 30.10.15 (4 hours): HTML, CSS and JavaScript. 13.11.15 (4 hours): Project - Responsive Web design 27.11.15 (4 hours): Project - Responsive Web design 11.12.15 (4 hours): Project defence + presentation
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Teaching Unit in charge:	Institute of Informatics
Course programme is prepared by:	Sónia Sousa
Date:	4.08.15

The course program is registered in the academic unit:

Date:	19.08.2015
Name of academic coordinator:	Ingrid Sander