

IFI6078	Media Technology		
<i>Credits: 3</i> (ECTS/EAP)	Approximate amount of contact lessons: 28	Semester: Spring 2014	Assessment form: Final test
<i>Course objectives:</i>	The course aim is to provide an overview of a Web project in a practical way focusing on Web 2.0 and content management systems with the design.		
<i>Brief description of course content</i>	<p>Content management systems (CMS) principles, an overview of the most popular open source content management systems. Design process of creating an Internet portal (an idea - to implementation), using different content management systems, testing and validation. New Web technologies (RSS Feeds, wikis, social networking and Web 2.0 tools, etc.).</p> <p>The course consists of lectures and practice, where students must actively participate. Students are divided in groups of 1-2. Each group must create CMS-based Internet portal, combined with various Web 2.0 capabilities. Design process is documented and evaluated. Each student must make and present a report of sub-themes of Web 2.0 (15-20 minutes).</p> <p>Course consists of lectures, seminars and independent work, see more in Moodle course site Media Technology IFI6078</p>		
<i>Learning outcomes:</i>	<ul style="list-style-type: none"> • Is familiar with the web creation and designing processes and understands Web design (creation) various stages; • Is able to analyse the design process (also to conduct the interview, evaluation in a different stages); • Knows about the user-friendliness and user-oriented web design; • Understands various options to create Web sites (HTML to CMS); • Knows how to analyse, choose suitable from the various content management systems; Knows and uses at least one CMS: creates content, navigation, changes the design, adds modules etc; • Knows web creating standards in general; • Is familiar with Web trends, Web 2.0, social networks, social networks impact to the new WWW. 		
<i>Assessment methods:</i>	Pass/fail assessment Independent work 75%, Presentation 25% Assessment conditions: participation in the traineeship practicum, independent work done positively and qualitative way 100% with and a presented report in the class.		
<i>Lecturer:</i>	Birgy Lorenz		
<i>Couse title in Estonian:</i>	Meediatehnoloogia		
<i>Pre course:</i>	none		
<i>Study literature</i>	Course data is accessible Moodle course site Media Technology IFI6078. CMS list http://www.cmsmatrix.org/ ID design http://www.interaction-design.org/ Interaction Design book http://www.id-book.com/		

<i>Replacement literature</i>	Course is not possible to pass only reading replacement literature (accessible in Moodle)
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<i>Participation in course:</i>	Accessed are students who participate seminars, do independent work and presentations.
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<i>Independent work:</i>	<ul style="list-style-type: none"> • Presentation about New Media 15p Deadline: presentation will be scheduled 3.-6. Meetings. • Web project documentation: up to 20p <ul style="list-style-type: none"> ○ Project overview – 5p ○ Reviewing exemplary webs - 5p ○ Users descriptions – 5p ○ Navigation scheme – 5p <p>Deadline: 25. February</p> <ul style="list-style-type: none"> • Sketches and prototype – 5p Deadline: 15 April • Overview and comparison of different CMS, concept about „good and bad web“, tutorials – 10p Deadline: 11. March (class work) • Web project realisation – 15p Deadline: 15. April • Planning Web project validation process and participating as expert evaluating others work – 15p Deadline: 26. March (class work), report 15. April • Introducing your web project to others – 10p Deadline: 16. April • Active participation in seminars assignments and in Moodle environment 10p Deadline: varies <p>Extra information in Moodle (1st meeting)</p>
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<i>Assessment minimum level:</i>	All independent work is done.
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<i>Information of the course meetings and content:</i>	<p>Meeting:</p> <ul style="list-style-type: none"> ✦ 29.01.2014 time: 12:15-15:30 (4x45 minute session one 15 minute break in-between). Introductions to course. Course plan, independent work information. Using Moodle. Are of new media and history. Mapping New Media branches. Preparation to presentation (topic, date). ✦ 5.02.2014 time: 12:15-15:30 Web as a project (people, tasks,
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	<p>methods). How to write: Project overview; reviewing exemplary webs, write users descriptions (profiling).</p> <p>▲ 19.02.2014 time: 12:15-15:30 Create web architecture. Sorting cards, scenario based design method. Starting to plan your own web navigation scheme. Prototyping and using Content Management Systems</p> <p>▲ 26.02.2014 time: 12:15-15:30 Comparing Content management systems, discussing „good and bad“ web concepts. Learning about using CMS (administration, content, design). Timeline for web project. Deadline: Web project documentation</p> <p>▲ 12.03.2014 time: 12:15-15:30 Design process. Bad/good design, usability issues and user oriented web design. Seminar: how to improve web design. Create your own web project design (for 4 pages);</p> <p>▲ 26.03.2014 time: 12:15-15:30 Planning Web evaluation process. Other New media topics that might interest us. Planning and executing your web site evaluation process involving users, experts etc.</p> <p>▲ 16.04.2014 time: 12:15-15:30 ending the course: everyone presents their doings (project overview, user’s descriptions, navigation scheme, design and final product (prototype). Deadline: presenting your project to others</p>
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Õppeainet kureeriv üksus:	Institute of informatics
Kursuseprogrammi koostaja:	Birgy Lorenz
Allkiri:	
Kuupäev:	16.01.2014

Kursuseprogramm registreeritud akadeemilises üksuses

Kuupäev:	17.01.2014
Õppeassistendi nimi:	Liina Kirsipuu
Allkiri:	