

IFI6078	Media Technology		
<i>Credits: 3</i> (ECTS/EAP)	Approximate amount of contact lessons: 28	Semester: Spring 2015	Assessment form: Pass/Fail
<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, cyber security and social networks campaign 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/		

Replacement literature	Course is not possible to pass only reading replacement literature (accessible in Moodle)
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Participation in course:	Accessed are students who participate seminars, do independent work and presentations.
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Independent work:	<ul style="list-style-type: none"> • Pecha Kucha style presentation – 5p, Deadline 2.feb 2015 • Presentation about New Media 10p Deadline: presentation will be scheduled 3.-5. Meetings. • Write an essay/story 2-3 pages about usage of social media; or creating social media campaign to your project; or develop an independent app - 10p. Deadline 11. March 2015 • 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 Deadline: 18. February • Sketches and prototype – 5p Deadline: 4. March 2015 • Overview and comparison of different CMS, concept about „good and bad web“, tutorials – 5p Deadline: 4. March (class work) • Web project realisation – 15p Deadline: 11. March 2015 • Planning Web project validation process and participating as expert evaluating others work – 10p Deadline: 23. March 2015 • Introducing your web project to others – 10p Deadline: 25. March 2015 • Active participation in seminars assignments and in Moodle environment 10p Deadline: varies <p>Extra information in Moodle (1st meeting)</p>
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Assessment minimum level:	All independent work is done.
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Information of the course meetings and content:	Meeting: <ul style="list-style-type: none"> ⤴ 28.01.2015 time: 08:15-11:30 (4x45 minute session one 15 minute break in-between). Introductions to course. Course
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	<p>plan, independent work information. Using Moodle. Are of new media and history. Mapping New Media branches. Preparation to presentation (topic, date). Preparing Pecha Kucha</p> <ul style="list-style-type: none"> ⤴ 4.02.2015 time: 08:15-11:30 Presenting Pecha Kucha. Web as a project (people, tasks, methods). How to write: Project overview; Social media impact. Cybersecurity impact (cases). Deadline: Pecha Kucha ⤴ 11.02.2015 time: 08:15-11:30 Reviewing exemplary webs, write users descriptions (profiling). Create web architecture. Sorting cards, scenario based design method. Plan your own web navigation scheme. New media presentations. ⤴ 18.02.2015 time: 08:15-11:30 Prototyping and using Content Management Systems. Comparing Content management systems, discussing „good and bad“ web concepts. Learning about using CMS (administration, content, design). Timeline for web project. New media presentations. Deadline: Web project documentation ⤴ 4.03.2015 time: 08:15-11:30 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). Planning and executing your web site evaluation process involving users, experts etc. New media presentations. Deadline: web design ⤴ 11.03.2015 time: 08:00-11:00 Excursion to Pelgulinna Gymnasium Mulla 7, Tallinn. We will meet 12:45 in the lobby (garderoob) of Pelgulinna Gymnasium. Topic: new media and other interactive tools, programming. Planning Web evaluation process. Other New media topics that might interest us. Deadline: Social media campaign or essay ⤴ 25.03.2015 time: 08:15-11:30 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; feedback and analysis <p>NB! Student must register at ÕIS 24h prior to final grading.</p>
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Õppeainet kureeriv üksus:	Institute of informatics
Kursuseprogrammi koostaja:	Birgy Lorenz
Allkiri:	
Kuupäev:	16.01.2015

Kursuseprogramm registreeritud akadeemilises üksuses

Kuupäev:	17.01.2015
Õppeassistendi nimi:	Liina Kirsipuu
Allkiri:	