IFI6078	Media Technology		
Credits: 3 (ECTS/EAP)	Approximate amount of contact lessons: 28	Semester: Spring 2013	Assessment

Course objectives:	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.
Brief description of course content	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.). 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). Course consists of lectures, seminars and independent work, see more in Moodle course site Media Technology IFI6078
Learning outcomes:	- 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.
Assessment methods:	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.
Lecturer:	Birgy Lorenz
Couse title in Estonian:	Meediatehnoloogiad
Pre course:	none
Study literature	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)

Participation in course:	Accessed are students who participate seminars, do independent work and presentations.

Independent work:	- Presentation about New Media 15p Deadline: presentation will be scheduled 2.-5. Meetings. - Web project documentation: up to 20p - Project overview – 5p - Reviewing exemplary webs - 5p - Users descriptions – 5p - Navigation scheme – 5p Deadline: 17. April - Sketches and prototype – 5p Deadline: 8. may - Overview and comparison of different CMS, concept about „good and bad web", tutorials – 10p Deadline: 17.-24. April (class work) - Web project realisation – 15p Deadline: 8. may - Planning Web project validation process and participating as expert evaluating others work – 15p Deadline: 24. April (class work), report 13. may - Introducing your web project to others – 10p Deadline: 8. may - Active participation in seminars assignments and in Moodle environment 10p Deadline: varies Extra information in Moodle (1st meeting)

Assessment minimum level:	All named tasks are done.

Information of the course meetings and content:	Meeting: ⚔ 27.03.2013 at 16.15-19:45 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). Web as a project (people, tasks, methods). ⚔ 3.04.2012 at 16.15-19.45 How to write: Project overview;

	reviewing exemplary webs, write users descriptions (profiling).
	⚔ 10.04.2012 at 16.15-19.45 Create web architecture. Sorting cards, scenario based design method. Starting to plan your own web navigation scheme. Prototyping and using Content Management Systems
	⚔ 17.04.2012 at 16.15-19.45 Comparing Content management systems, discussing „good and bad" web concepts. Timeline for web project. Deadline: Web project documentation
	⚔ 24.04.2012 at 16.15-19.45 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 Web evaluation process.
	⚔ 8.05.2012 at 16.15-19.45 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

Institute:	Institute of Informatics
Author:	Birgy Lorenz
Signature:	
Date:	14.01.2013