

COURSE PROGRAM
Academic year 2009 / 2010

Semester: Spring

Subject code:	IFI7158				
Course title in English:	Accessibility, Usability, and User Centred Design				
Course title in Estonian:	Ligipääsetavus, kasutatavus, ja kasutajakeskne disain				
Maht EAP/ECTS:	5 EAP / ECTS				
Approx. load of contact hours:	30	Incl. lectures	10	seminars/ workshops:	20
Teacher responsible:	David Lamas				
Position, degree:	PhD				
Prerequisite subject(s):	None				
Objectives:	<p>The general goal is to broaden the perceived scope of interaction design by focusing on making technology accessible and usable (special attention is given to online interactive media). Specific goals are:</p> <p>To understand the consequences of fostering information and communication technologies accessibility.</p> <p>To know how can information and communication technology usability be addressed and improved.</p> <p>To explicitly cater for accessibility and usability concerns in user centred design processes.</p>				
Course outline:	<p>Information and communication technologies accessibility in Europe and around the world, from fundamental concepts to accessible online interactive media.</p> <p>Information and communication technologies usability, from standards to consequences.</p> <p>User centred design models and approaches overview.</p>				
Learning outcomes:	<p>Students recognize main accessibility and usability concerns and knows how to apply its criteria and recommendations.</p> <p>Students know how to assess online interactive media accessibility and usability measures.</p> <p>Students know how to cater for accessibility and usability features in user centred interaction design processes.</p>				
Assessment:	Graded assessment				
Compulsory literature:	<p>Schneiderman, Ben (2009) Designing the User Interface: Strategies for Effective Human-Computer Interaction, Addison Wesley</p> <p>Tullis (2008) Measuring the User Experience: Collecting, Analyzing, and Presenting Usability Metrics, Morgan Kaufman</p> <p>Nielsen, Jakob (2006) Prioritizing Web Usability, New Riders</p>				
Replacement literature:	Moggridge, B. (2006) Designing Interactions, MIT Press				
Content of studies and schedule:	(content of studies: topic, major terms, theories, concepts etc)				

Lectures/ workshops	Topic, overview of content
6.4.2010 (2 periods, lecture)	Accessibility, computer accessibility and web accessibility. Evaluating accessibility.
7.4.2010 (2 periods, workshop)	Web site (or service) accessibility assessment.
8.4.2010 (2 periods, workshop)	Web site (or service) accessibility enhancement.
13.4.2010 (2 periods, lecture)	Usability definitions, considerations, and design strategies. Evaluating usability.
14.4.2010 (2 periods, workshop)	Web site (or service) usability assessment.
15.4.2010 (2 periods, workshop)	Web site (or service) usability enhancement.
21.4.2010 (1 period, lecture)	User centred design, focusing on more than just computers.
22.4.2010 (2 periods, seminar)	Discussion of course readings and achieved results.
<p>Requirements for participation: Presenting the requested deliverables on time.</p>	

Name of the lecturer:	David Lamas (name)	 (signature)
Confirmed:	 (name of the head of curriculum)	 (signature)