

## Course Program

Subject code: IF16047	Subject Title: Basics of Digital Photography		
Course load: 3 ECTS	Contact hours: 28	Study semester: Fall 2013	Assessment method: Pass/Fail
Objectives:	<p>Explaining systematically basics and terminology of digital photography. Develop practical skills of using camera more creatively by adding elements of professional workflow. Explaining basics of image editing.</p>		
Course outline:	<p>Course of digital photography consists of three subtopics:</p> <ul style="list-style-type: none"> <li>• <b>Theoretical basics</b> of digital photography, including essentials, history and terminology of digital imaging.</li> <li>• <b>Practical photography</b> is introducing useful skills about cameras, lenses and additional equipment. Also the principles of lighting and composing an image.</li> <li>• <b>Computer workflow</b> is explaining the tools and principles of image editing, Adobe Photoshop is used for practical image editing. Computer workflow includes also basics of color management, elements of pre-press and presenting ready-made photos.</li> </ul>		
Learning outcomes:	<p>After completing the course, the student</p> <ul style="list-style-type: none"> <li>• Is familiar with basics of digital photography.</li> <li>• Knows terminology of digital photography.</li> <li>• Can use camera on beginners level.</li> <li>• Knows principles of lighting and composition of image.</li> <li>• Can use Adobe Photoshop for basic image editing.</li> <li>• Can prepare photos for presentation (slideshow or printing)</li> <li>• Can choose right image file formats and save images with appropriate settings.</li> </ul>		
Assessment methods:	<p>Pass/Fail based upon:</p> <ul style="list-style-type: none"> <li>• Weekly assignments</li> <li>• Theory test</li> <li>• Presentation of course work</li> </ul>		
Teacher:	Mati Mõttus		
Subject name in Estonian:	Digitaalfotograafia alused		
Prerequisite subject:	None. Participation requires possession of digital camera.		
Compulsory literature:	Camera manual		
Additional literature:	<p>Digital Photography Essentials by Tom Ang 2011. Digital Photography Step by Step by Tom Ang 2011 Digital Photography handbook by Doug Harman 2007</p>		
Participation and exam requirements:	<p>Maximum group size is depending on work places in computer class (16). All weekly assignments must be completed before course work</p>		

	presentation and theory test.
Independent work:	<p>Computer class is available for individual work via negotiation with head of HTK. Alternatively the use of students own computer (required Adobe Photoshop). Independent work includes 12 practical assignments with 1 week deadline and compilation of presentation.</p> <p>19.09 Three photos and critics.  26.09 Photoreportage of my day.  03.10 Lightness of digital image.  10.10 HDR preparation.  17.10 Shooting with different settings 1.  31.10 Shooting with different settings 2.  07.11 Image editing 1.  14.11 Image editing 2.  21.11 Using lenses.  28.11 Color management.  05.12 Composition.  12.12 HDR, Panorama.  19.12 Compiling presentation.</p>
Grading criteria scale or the minimal level necessary for passing the subject:	<p>Passing the course criteria:  Practical assignments completed according to script.  Course work presented according to script.  Theory test completed with the score at least 60%</p>
Information about the course:	<p>Course Schedule:  12.09 Introduction. History. Analysis and critics.  19.09 Digital image, parameters, image data, file.  26.09 Histogram, statistics of image.  03.10 Cameras, types and properties.  10.10 Using camera.  17.10 Basics of image editing.  31.10 Basics of image editing.  07.11 Lenses, using lenses.  14.11 Colormangement.  21.11 Pre-press.  28.11 Practical photographing, composition.  05.12 HDR, Panorama.  12.12 Archiving, printing, digital presentation.  19.12 Presenting course work, theory test.</p>

Õppeainet kureeriv üksus:	Informaatika instituut
Kursuseprogrammi koostaja	Mati Mõttus
Allkiri:	
Kuupäev:	