



## Itä-Suomen ICT-polku

### COURSE DATA

#### BASIC INFO

<b>Name</b>	Web and Mobile User Interfaces		
<b>Code</b>	Savonia: ETX7900 Karelia: LTD7008 UEF: 3621425		
<b>Name in Finnish</b>	Web- ja mobiilikäyttöliittymät		
<b>Credits (ECTS)</b>	5	<b>Grading</b>	0 - 5
<b>Teaching period</b>	2K		
<b>Language</b>	Finnish		
<b>Type</b>	Savonia: elective course Karelia: elective course UEF/TKT: elective course		



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### DESCRIPTION

<b>Objectives</b>	Student knows how to consider the user when creating specification for a user interface. Student is able to design and implement a web user interface using a given implementation framework. Student recognizes individual differences of humans when they are using the interface. Student can test and analyze usability of the interface she has created. Student is familiar with interface types of ubiquitous computing and knows how to utilize them in human-computer interaction.
<b>Content</b>	Familiarizing oneself with web applications' different user interfaces. Considering different user groups as a part of user interface design. Recognizing different types of ubiquitous computing interfaces. Taking usability into consideration when designing web user interfaces. Learning to utilize implementation framework when creating web user interfaces. Creating a web user interface with a given implementation framework. Testing and analysis of the created web user interface.
<b>Modes of study</b>	Compulsory exercises and a web user interface project
<b>Study materials</b>	Announced at the beginning of the course
<b>Teaching methods</b>	Web course
<b>Prerequisites</b>	Human Factors of Interactive Technology, Web-programming or corresponding knowledge (HTML, CSS, JavaScript)
<b>Other issues</b>	