

IFI7159	Foundations of Human-Computer Interaction		
Study load: 5 (EAP/ECTS)	Load of contact hours: 28	Study semester: Autumn	Assessment/Exam Exam
Objectives:	The goal is to introduce the body of knowledge of Human-Computer Interaction (HCI) to students.		
Course outline:	<p>The course addresses:</p> <ul style="list-style-type: none"> • An introduction to HCI covering the field's genesis and evolution • Cognitive modelling • Distributed cognition • Ethnomethodology and Ethnography • Embodiment; and • The relation of HCI with Design, Culture and Society 		
Learning Outcomes:	<p>Students are aware of the genesis and evolution of the field of HCI as well as its contemporary trends.</p> <p>Students grasp the theoretical foundations at play in HCI.</p> <p>Students are able to situate theory in practice.</p>		
Assessment Methods:	<p>The final quotation is computed based on intermediary assignments on topics as such:</p> <ul style="list-style-type: none"> • Research trends (10% individual +10% group work) • Classical theory landmarks (10% individual +10% group work) • Modern theory landmarks (10% individual +10% group work) • Contemporary theory landmarks (10% individual +10% group work) • HCI, as a body of knowledge (10% individual +10% group work) <p>All assignments are compulsory and will be marked as either achieved or not achieved.</p>		
Teacher(s):	David Lamas Hanna-Liisa Pender		
Subject name in Estonian:	Inimese ja arvuti interaktsiooni alused		
Prerequisite subject(s):	None		
Compulsory Literature:	Rogers, Y. (2012). HCI theory: classical, modern, and contemporary. Synthesis Lectures on Human-Centered Informatics, 5(2), 1-129.		
Replacement Literature:	Jacko, J. A. (2012). Human-Computer Interaction Handbook: Fundamentals, Evolving Technologies, and Emerging Applications.		
Participation and Exam requirements:	<p>This course is delivered mainly face-to-face but will have an introductory online session. Activities are organized in bi-weekly modules, each focusing on specific topics.</p> <p>In order to successfully conclude this course, students are required to individually:</p> <ul style="list-style-type: none"> • Take part in all face-to-face and online activities; • Actively engage and deliver the results of 7 individual assignments; and 		

	<ul style="list-style-type: none"> Actively engage and deliver the results of 7 group assignments. <p>Link to course blog: IFI7159.wordpress.com</p>	
<i>Independent work:</i>	All individual assignments as carried out as independent work.	
<i>Grading criteria scale or the minimal level necessary for passing the subject:</i>	<p>Grading criteria:</p> <ul style="list-style-type: none"> A, 90-100% B, 80-90% C, 70-80% D, 60-70% E, 50-60%. F, less than 50% <p>The number of achieved assignments determines percentages.</p>	
<i>Information about the course:</i>	Date and time	Form of study and course content by topic
	September 4	Online, Genesis and evolution of HCI
	September 5	Online, Genesis and evolution of HCI
	September 18	Research trends (discussion)
	September 19	Research trends (group work)
	October 2	Cognitive modelling (discussion)
	October 3	Cognitive modelling (group work)
	October 16	Distributed cognition (discussion)
	October 17	Distributed cognition (group work)
	November 31	Ethnomethodology and Ethnography (discussion)
	November 1	Ethnomethodology and Ethnography (group work)
	November 14	Turn to Design and Embodiment (discussion)
	November 15	Turn to Design and Embodiment (group work)
	November 27	Turn to Culture and the Wild (discussion)
	November 28	Turn to Culture and the Wild (group work)
December 11	HCI (discussion)	
December 12	HCI (discussion)	