Subject code: IFI7316.DT	Subject name: Foundations of Human-Computer Interaction		
Study load: 6 (EAP/ECTS)	Load of contact hours: 24	Study semester: Fall	Assessment Exam
Objectives:	The goal is to introduce the body of knowledge of Human-Computer Interaction (HCI) to students.		
Course outline:	The course addresses: • An introduction to HCI covering the field's genesis and evolution • Contemporary trends • Cognitive modelling • Distributed cognition • Situated action, ethnography and ethnomethodology, CSCW related theories and frameworks, activity, grounded and hybrid theories • Turn to Design and Culture; • Turn to the wild, and Embodiment.		
Learning Outcomes:	Students: • Are aware of the genesis and evolution of the field of HCI as well as its contemporary trends; • Grasp the theoretical foundations at play in HCI; and • Are able to situate theory in practice.		
Assessment Methods:	The final quotation is computed based on intermediary assignments on topics as such:		

	Individual assignment	Group assignment
M0	5%	-
M1	10%	5%
M2	10%	5%
M3	10%	5%
M4	10%	5%
M5	10%	5%
M6	10%	5%
M7	3%	2%
Total	68%	32%

All assignments are compulsory and will be marked with grades A to F.

Teacher(s):	David Lamas Ilya Shmorgun
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:	*This course in delivered face-to-face and online. Activities are organized in bi-weekly modules, each focusing on specific topics. In order to successfully conclude this course, students are required to individually:* • *Take part in all face-to-face and online activities;* • *Actively engage and deliver the results of 7 individual assignments; and* • *Actively engage and deliver the results of 7 group assignments.*
Independent work:	*This course relies on a significant amount of independent work (individual and in groups) between sessions.*
Grading criteria scale or the minimal level necessary for passing the subject:	*All assignments are graded as such:* *A - 90-100% of the work is done - excellent: outstanding work with only few minor errors.* *B - 80-90% of the work is done - very good: above average work but with some minor errors.* *C - 70-80% of the work is done - good: generally good work with a number of notable errors.* *D - 60-70% of the work is done - satisfactory: reasonable work but with significant shortcomings.* *E - 50-60% of the work is done - sufficient: passable performance meeting the minimum criteria.* *F- less than 50% of the work is done - fail: more work is required before the credit can be awarded.*
Information about the course:	*Activities are organized in bi-weekly modules, each focusing on specific topics, and students are requested to engage in both preparatory readings and follow up activities.*

Date	*Time (or online)*	*Topic*
September 9	*10:00-14:00*	*Genesis and evolution of HCI*
September 10	*10:00-12:00*	*Contemporary trends (introduction)*
September 23	*online*	*Contemporary trends (discussion)*
September 24	*online*	*Cognitive modelling (introduction)*
October 7	*10:00-14:00*	*Cognitive modelling (discussion)*
October 8	*16:00-18:00*	*Distributed cognition (introduction)*
October 14	*online*	*Distributed cognition (discussion)*

	October 15	*online*	*Situated action, ethnography and ethnomethodology, CSCW related theories and frameworks, activity, grounded and hybrid theories (introduction)*
	November 4	*10:00-14:00*	*Situated action, ethnography and ethnomethodology, CSCW related theories and frameworks, activity, grounded and hybrid theories (discussion)*
	November 5	*10:00-12:00*	*Turn to Design and Culture (introduction)*
	December 2	*10:00-14:00*	*Turn to Design and Culture (discussion)*
	December 3	*10:00-12:00*	*Turn to the wild, and Embodiment (introduction)*
	December 16	*online*	*Turn to the wild, and Embodiment (discussion)*
	December 17	*online*	*HCI revisited*