Frontiers in Computer Science

Lec	turer : Savostyar	lov Alexander, Ph.D.			
Sen	nester: 3 Dur	ration: 18 weeks			
Workload (h): 72 Presence (h + CH): 32 (4)			2 (4)	Self-Study (h): 36	
Con	itents:				
Bac	kground and re	lations to other courses:	Philosoph	y o	f Computer Science
Mai	in topics and lea	arning objectives:			
1. 2.	Общая теория Информатика	і самоуправляемых сист и разработка	ем.		биохимических и нейробиологических данных.
3.	самоуправляе Information th	мых машин. eory and its applications	in	5.	Informatics and video games. Video games in education and medicine.
	messages encoding.			6.	Internet for people communication.
4.	Компьютерный анализ биологической информации. Обработка генетических,		й x,	7.	Artificial intelligence and cognitive science problem.
				8.	Summary.
Ass	essment:				
For i	mative : in intera ferable.	action with lecturer and t	utor durin	g le	earning period. On site, skype, email are
Sun	nmative:				
Number and Type; Connection to Course Duration					Part of final mark in %

Pass Test

Learning outcomes:

Academic: To know the relationship between the fundamental problems of the theory of information and the development of applied fields of information technology and computer technology, to know current development trends of computer science in the near future.

90 min

100%

Prerequisites for Credit Points: The credit points will be granted when the course has been successfully completed, i.e. all parts of the examination are passed.