1.	Course	*E-business Technologies*	
2.	Code	KNI_E11	
3.	Study programme	Computer Science and Engineering PhD study programme	
4.	Study programme organized by	FCSE	
5.	Cycle	Third – PhD	
6.	Academic year / semester winter/summer/elective	7. ECTS credits 7,5	
8.	Teacher	Prof. d-r Dimitar Trajanov, Prof. d-r Igor Mishkovski	
9.	Prerequisites	None	
10.	Course programme goals (competences): The students will be capable to analyze, design and implement the modern e-business technologies.		
11.	Course syllabus: Innovative e-commerce systems: e-government and e-learning for consumer-to-consumer commerce. Mobile computing and ubiquitous computing. Web 2.0 environment and social networks. E-commerce support services. E-commerce strategies and global e-commerce. Developing successful Internet business project and e-commerce. Developing auction applications. Dynamic commerce: e-auctions, goods exchange and negotiations. Developing e-commerce and infrastructure applications.		
12.	Teaching methods: Classes supported with slide presentations, interactive teaching, lab equipment and other software packages, teamwork, case studies, invited guest lecturers, presentations of project works, e-learning materials, forums and consultations.		
13.	Total fund of work hours	7,5 EKTC x 30 h = 225 h	
14.	Available hours distribution	45+30+150 = 225	

15.	Teaching activities	15.1.	Theoretical classes	45 h
		15.2.	Practical classes (labs, exercises), seminars, team work	30 h
16.	Other activities	16.1.	Project tasks	50 h
		16.2.	Self study	50 h
		16.3.	Homework	50 h

17.	Grading		
	17.1.	Tests	40 points
	17.2.	Seminar work/ project (presentation: written and oral)	50 points
	17.3.	Active participation	10 points
18.	Grading criteria (points/grade)	to 59 points	5 (five) (F)
		from 60 to 68 points	6 (six) (E)
		from 69 to 76 points	7 (seven) (D)
		from 77 to 84 points	8 (eight) (C)

			from 85 to 92 points	9 (nine) (B)	
			from 93 to 100 points	10 (ten) (A)	
19.	Conditions for attending the final exam		Successful completion of activities 15.1 and 15.2		
20.	Language		Macedonian or English		
21.	Quality assessment		Internal evaluation and student pools		
22.	Literature				

22. Literature

22.1. Compulsory

No.	Author	Title	Publisher	Year
1.	Efraim Turban, Jae K. Lee, David King, Ting Peng Liang, Deborrah Turban	Electronic Commerce	Pearson Higher Education	2010
2.	Kenneth Laudon, Carol Guercio Traver	E-Commerce	Pearson Higher Education	2010
3.	Dave Chaffey	E-Business and E-Commerce Management: Strategy, Implementation and Practice, 4/E	Pearson Higher Education	2010

22.2. Additional

No.	Author	Title	Publisher	Year
1.	J. Hennesey, D. Patterson	Computer Architecture: A Quantitative Approach	Kaufmann	2003
2.				
3.				