

Subject code	Credits
INF5015	6

Course title in Lithuanian

ŽINIŲ VISUOMENĖS IT STRATEGIJOS

Course title in English

ICT STRATEGIES IN KNOWLEDGE SOCIETY

Short course annotation in Lithuanian (up to 500 characters)

Kurso tikslas – suteikti studentams pagrindines žinias apie žinių visuomenę, paslaugų ekonomiką ir informacinių technologijų vaidmenį žinių ekonomikoje. Kurso metu studentai aprašo naujos paslaugos sukūrimo koncepciją, pristato savo darbą seminaro metu, diskutuoja apie savo ir kitų studentų darbus.

Short course annotation in English (up to 500 characters)

The course aims at developing theoretical and practical skills in developing new services for strategic application of ICT in the contemporary service/knowledge economy. During the course students develop a conceptual model and/or case study for new services, present their models during seminars, engage in discussion with other students. Each lecture is front-loaded with reading and requires students to present reports based on home assignment.

Prerequisites for entering the course

BSc degree in Informatics or Business Administration or INF5016

Course aim

The purpose of this course is to provide students with knowledge on business processes, ICT tools for e-business, and the role of ICT infrastructure in enabling electronic commerce and business.

Content

No	Content (topics)
1.	How to write a case study
2.	The principles of service economy
3.	The central role of ICT and information management in creating the knowledge society
4.	Emerging digital media
5.	Planning and designing e-services in the knowledge society
6.	Usability issues – designing e-service user experience
7.	Challenges and opportunities of mobile and pervasive computing environments
8.	Web 3.0 and other trends for e-services

Distribution of workload for students (contact and independent work hours)

Lectures	45 hours
Seminars	15 hours
Group work	15 hours
Individual students work	85 hours
Total:	160 hours

Structure of cumulative score and value of its constituent parts

Case study presentation: 30%, Written home assignments (including mid-term report): 20%, Exam: 50%.

Recommended reference materials

No.	Publication year	Authors of publication and title	Publishing house	Number of copies in		
				University library	Self-study rooms	Other libraries
<i>Basic materials</i>						
1.	2009	Henry C. Lucas. "Information Technology for Management." The GlobalText Project	GlobalText Project			Free online access, Creative Commons license

2.	2009	Patrick McKeown. 2009. "Information Technology and the Networked Economy." The GlobalText Project – Creative Commons license	GlobalText Project			Free online access, Creative Commons license
3.	2014	J. Gallaugher. "Information Systems: A Manager's Guide to Harnessing Technology."	FlatWorldKnowledge			Available online for a fee
<i>Supplementary materials</i>						
4.	2004	A.Kornak, J.Teutloff, M.Welin-Berger. "Enterprise Guide to Gaining Business Value from Mobile Technologies."	Wiley & Sons. ISBN: 0-471-23762-0.			
5.	2006	D.Tapscott, A.D.Williams. "Wikinomics. How mass collaboration changes everything."	Portfolio. ISBN 12 978-1-59184-138-8.			
6.	2007	B.Ballard. "Designing the Mobile User Experience."	John Wiley & Sons, Ltd. ISBN: 978-0-470-03361-6			

Course programme designed by

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