



TITLE OF THE COURSE:	IT STRATEGIES IN THE KNOWLEDGE SOCIETY
Course code:	INF5015
Course group:	C
Faculty:	Informatics
Study program:	Applied Informatics
Level:	Master's
Semester:	Spring
ECTS credits:	6
Language of instruction	English
Course lecturer/s:	Prof. dr. Vladislav V. Fomin
Short course description:	<p>The course aims at developing theoretical and practical skills in assessing the role of Information Systems (IS) and Information and Communication Technologies (ICT) in supporting and giving strategic advantage to business in the modern knowledge society. The course offers a broad overview on fundamentals of the Information Age: the global informatization and knowledge society development, essentials of e-service planning and design, e-society and e-government concepts, success factors for designing e-service user experience, advantages of new digital media and mobile and pervasive computing environments, opportunities of mass collaboration in Web 2.0 environment and beyond.</p>
Course content:	<ol style="list-style-type: none">1. Knowledge society and ICT. The three pillars of knowledge society: information, management, and ICT2. Global digitalization trends: Industry 4.0, Digital transformation3. Digital Innovation4. Planning and designing e-services
Grading and evaluating student work in class and/or at the final exam:	Case study presentation: 30%, Written home assignments (including mid-term report): 20%, Exam: 50%.



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<p><i>Required reading and additional study material</i></p>	<ol style="list-style-type: none">1. Richard T. Watson, Pierre Berthon, Leyland F. Pitt, George M. Zinkhan. 2008. "Electronic Commerce: The Strategic Perspective." Free online access from GlobalText Project website.2. Patrick McKeown. 2009. "Information Technology and the Networked Economy." Free online access from GlobalText Project website.3. J. Christopher Westland, Theodore H.K. Clark. 1999. "Global Electronic Commerce: Theory and Case Studies." The MIT Press. ISBN 0-262-23205-74. J. Gallaughier. 2015. "Information Systems: A Manager's Guide to Harnessing Technology." Free online access from Open Textbook Library website
<p><i>Additional information (if applicable)</i></p>	