

DESCRIPTION OF STUDY COURSE

Course unit title	Strategic ICT Governance
Programme	MBA in Cybersecurity Management
Year of study	1
Academic year	2022/2023
Level of course unit (e.g. first, second or third cycle)	2nd cycle
Course unit code	MKP004
Name of lecturer(s)	Dr.oec. Tatjana Volkova
Number of ECTS credits allocated	6 ECTS <i>2 Latvian credit points are multiplied by 1,5 to get ECTS credit points</i>
Credit points	4 CP
Module	Management
Language of instruction	English and Latvian
Type of course unit (compulsory, optional)	compulsory
Semester when the course unit is delivered	1
Mode of delivery	face-to-face
Aim of Course	This course serves as basis to provide theoretical background for the top management of the company in the ICT field, to establish the necessary harmony between the functional ICT strategy and the generic strategies, to perform necessary ICT strategic analysis of the company and to formulate a proposal of ICT functional strategy including a competent proposal (recommendation) if and how to acquire the new IS (buy, in-house develop or lease)..
Preliminary knowledge (prerequisites and co-requisites)	ICT knowledge and skills, foreign language communicative skills, basic knowledge of Politics, Law, Economics, Culture.
Course content	Foundations of Management and Organizations. Constraints and Challenges for the Global Manager. Growing importance of information assets and its ownership. Managing in the 21st century: setting strategic directions, analysis of internal and external environment. Industry life cycle. Drivers impacting business success. Business impact assessment. Selecting functional, business and corporate level strategies. Integration of information security requirements into the organization's processes and life cycle activities. Decisions making process and managing change. Causes of information security incidents. Foundations of control. Development of corrective actions and reassessing risks. Noncompliance issues and other variances time management.
Planned learning activities and teaching methods	The student attends lectures, completes practical work, presents group and individual work. The total evaluation of the course consists of: 30% group work in classroom setting; 20% practical work in classroom setting; 20% group work completion and presentation; 30% individual work completion and presentation.

	Teaching methods		Student workload	
	Lecture		32	
	Written group work		16	
	Seminars		32	
	Independent work/ work on a presentation		48	
	Work at the library, independent studies		32	
		total hours	160	
Learning outcomes of the course unit	The student: will be able to establish a process for information asset classification and ownership, to ensure that business impact assessments are conducted periodically, to identify drivers affecting the enterprise, to conduct reviews to identify causes of information security incidents, develop corrective actions and reassess risk, to ensure and integrate information security requirements into the organization's processes and life cycle activities, as well to ensure that noncompliance issues and other variances are resolved in a timely manner.			
Assessment methods and criteria	Learning outcomes	1.	2.	3.
	The form of assessment			
	Written work in a classroom	•	•	
	Independent work and its presentation		•	•
	Written examination	•	•	•
Recommended or required reading	<ol style="list-style-type: none"> 1. Management, 12th Edition, Global Edition by S. Robbins and M. Coulter, published by Pearson Education, 2014 2. Gareth R. Jones, Charles W.L. Hill Theory of Strategic Management. 10th ed., Cengage Learning, 2010 3. Managing Information Strategically: Proposal of ICT strategy. LAP LAMBERT Academic Publishing, 2010 <p>Recommended reading:</p> <ol style="list-style-type: none"> 1. An Introduction to Management Science: quantitative approaches to decision making / David R. Anderson ... [et al.]. - 12th ed. - Mason, OH: Thomson/South-Western, 2008. 2. Cloud computing: THE NEXUS OF STRATEGY AND TECHNOLOGY. P. Ross and M. Blumenstein, Journal of Business Strategy, Vol.34. NO4., 2013. 3. Predicting business/ICT alignment with AntMiner+, B. Cumps, D. Martens, M. De Backer, R. Haesen, S. Viaene, G. Dedene, B. Baesens, M. Snoeck, available: https://lirias.kuleuven.be/bitstream/123456789/120533/1/ <p>LIBRARY & INTERNET RESOURCES: Students are encouraged to use the university library and the internet for research and to complete assignments when necessary.</p>			
Recommended optional programme components	To be agreed at the start of the course.			