

STUDY COURSE DESCRIPTION

Study course title	Strategic ICT management				
Study course code (LAIS)	MKI_007				
Study programme	“Cybersecurity engineering”				
Study course type	<input checked="" type="checkbox"/> Obligatory study course (part A)				
Study course amount	Creditpoints	ECTS	Academic hours	Contact hours	Selfstudy hours
	2	3	80	24	56
Study course lecturer	Tatjana Volkova				
	Academic position, acad/scientific degree				Dr.oec.
	Consultation: based on the preliminary agreement with lecturer				
Study course form	Full time				
Study year, semester	2021/2022	1st semester			
Study language	Latvian/English				
Preliminary knowledge	ICT knowledge and skills, communication skills, knowledge in politics, law, economics				
Study course annotation	Aim of the course is to get understanding about strategic approach to ICT governance and develop skills and competencies for strategic ICT governance on the company.				
Study course methods	Lectures, seminars, discussions, group work				
Evaluation form	Exam				
Requirements for obtaining ECTS	Practical works (60%), Final assignment 40%				
Study course content	Key terminology of study course. Challenges and limitations of the usage of information assets in 21st century. Company strategic directions, internal and external environment analysis. Industry life cycle analysis. Functional, business and corporate level strategies. Strategic approach to ICT governance. Information security requirements alignment with business processes and life cycle. Practicum: ICT strategic decision making process, change management.				
Study course LOs; assesment methods and criterias	Learning outcomes		Assessment methods		
	Knowledge and understanding				
	Student know and understand the strategic approach to ICT governance			Lectures, seminars, discussions, group work	
	Skills				
	Student is able to apply appropriate methods, for alignment information security activities with the generic business strategies and goals			Lectures, seminars, discussions, group work	
Competence					
Student is able to analyze and evaluate strategic management processes, to conduct its impact analysis on strategic ICT governance			Lectures, seminars, discussions, group work		
Basic literature:	(2017) Hill/Schilling/Jone Strategic Management: Theory An Integrated Approach, 12th Edition, 2017, South – Western Cengage Learning.				
Additional literature:	Gregory J. Touhill, C. Joseph Touhill Cybersecurity for Executives. A Practical guide, Wiley, 2014 (part 4 Build your Strategy, p. 95 - 125); https://www.wiley.com/en-us/Cybersecurity+for+Executives%3A+A+Practical+Guide-p-9781118888148 Aligning IT with Business strategy. Guidelines for IT Managers. Available: http://www.ictknowledgebase.org.uk/fileadmin/ICT/pdf/NCC/Align_IT_with_strategy.pdf				
Study course approval date:	28.11.2019	Study course actualization:			

Study course plan:

Date*	Topic	Academic hours		Study forms
		Contact hours	Selfstudies	
13.12.2019.	Key terminology of study course. Challenges and limitations of the usage of information assets in 21st century.	4		Lecture, case analysis, discussions
14.12.2019.	Company strategic directions, internal and external environment analysis. Industry life cycle analysis. Functional, business and corporate level strategies.	10	10	Lecture, case analysis, discussions
15.12.2019.	Strategic approach to ICT governance. Information security requirements alignment with business processes and life cycle. Practicum: Decision making process, change management.	8	10	Lecture, case analysis, discussions
	Selfstudies	2	36	Group and individual work
				Final test
Study hours:		24	56	