

**FACULTY OF ENGINEERING
STUDY COURSE DESCRIPTION**

Course Title:	Strategic IT Management				
Course code (LAIS):	DatZ6002				
Study programme:	CYBERSECURITY ENGINEERING				
Level of Study programme:	<input type="checkbox"/> 1st level professional higher education				
	<input type="checkbox"/> Professional Bachelor				
	<input checked="" type="checkbox"/> Professional Master				
	<input type="checkbox"/> PhD level				
Type of Study programme:	<input checked="" type="checkbox"/> Compulsory course (Part A)				
	<input type="checkbox"/> Professional specialization courses (Part B, compulsory)				
	<input type="checkbox"/> Professional specialization optional courses (Part B, optional)				
	<input type="checkbox"/> Elective courses (Part C)				
Course Workload:	Credits	ECTS	Academic hours	Contact hours	Independent work hours
	2	3	80	24	56
Course Author/ Tutor:	Tatjana Volkova				
	Academic position scien./acad. degree			Dr.oec.	
	Consultation: according to the schedule for each semester				
Course Form:	Full time				
Study year, semester:	2018 /2019	1 st semester			
Language:	Latvian				
Prerequisites for the Course:	ICT knowledge and skills, communication skills, basic knowledge in politics, law, economics				
Course Summary:	The aim of the study course is to carry out an ICT strategic analysis in a company and to develop recommendations for the coherence of the ICT functional strategy, provide students with the basic knowledge of ICT management.				
Course Methods:	Lectures, practical workshops, seminars, discussions, group work				
The Type of Final examination	Exam				
Requirements for Credits:	Practical work 60%, final exam 40%				
Course Contents:	Limits and challenges in managing information as assets in the 21st century: strategic directions, internal and external environmental analysis, industry life cycle. Business impact assessment, functional, business and corporate level strategies, their integration, the inclusion of information security requirements in the processes and life cycle of an organization, decision-making processes, change management.				
Learning Outcomes	Learning Outcomes			The evaluation methods and criteria	
	Knowledge				
	A student knows and understands the importance of the organization's ICT strategy.			lectures, practical classes, seminars, discussions, group work	
	Skills				
	A student is able to apply appropriate methods, protection measures, security controls to implement information security in close connection with the organization's objectives.			lectures, practical classes, seminars, discussions, group work	
Competency					
A student is able to analyse and evaluate business processes and perform the analysis of their impact.			practical classes, seminars, discussions, group work		
Course Compulsory literature:	Management, 12th Edition, Global Edition by S. Robbins and M.Coulter, published by Pearson Education, 2014				
Course additional literature:	Information and Communications Technology (ICT) - Strategic Framework - https://www.dlgc.wa.gov.au/Publications/Pages/ICT-Strategic-Framework.aspx#sthash.lIiYn1hC.dpuf				
Course approval date:	January 3, 2018		Course last revision date:		

Study Course Plan:

Date*	Theme	Academic hours		Study Form
		contact lessons	Independent work hours	
	Limits and challenges in managing information as assets in the 21st century: strategic directions, internal and external environmental analysis.	6		Lecture, situation analysis, discussions
	Industry life cycle. Business impact assessment.	6		Lecture, situation analysis, discussions
	functional, business and corporate level strategies, their integration, the inclusion of information security requirements in the processes and life cycle of an organization.	6	10	Lecture, situation analysis, discussions
	Practical work: decision making processes, change management.	4	10	Lecture, situation analysis, discussions
			36	Group work, practical assignments
		2		Final exam
Hours total:		24	56	

* The date is specified before the implementation of the course