

Implementation plan Finished

Study unit	Information Security Management (R0319), 5.0
Implementation	CCA1721: 2/2017-2018 (29.01.2018 - 15.06.2018)
Type	INFORMATION SECURITY MANAGEMENT (A846)
Groups	Primary: CCA17SY Others :
Involved in the project	
Lecturers	Pasi Kämppi and Paresh Rathod
Number of participants	Minimum: Maximum: 40
Enrolment period	27.11.2017 08:00 - 08.12.2017
Main timing for implementation	According to student's own schedule
Applicability	For exchange students: Yes For elective studies: Yes Open UAS student: No Suitable for virtual UAS: Yes
Teachers	Rathod Paresh (Teacher in charge), Kämppi Pasi (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	Virtually
Implementation method	Optima realization/student group, Web/virtual Language: English Virtuality: 5 cr Integration of R&D: 0 cr
Implementation class	LbD supporting knowledge and skills development
Focus areas	Security, safety and social responsibility
Evaluation at the latest	15.07.2018 Storing of graded material ends.: 15.06.2019
Exam days	
Having completed the study unit the student is able to	The student is able to • evaluate the significance of different roles and the information security organization for the implementation of information security • evaluate information risks directed at organizations systematically and apply risk management practices • design an information security management system for an organization • identify the essential elements of the auditing process and evaluate the possibilities of auditing to develop information security in an organization • apply standards in the development of information security in an organization • draw contingency plans for information systems
Previous studies	
Previous studies, more information	• Study unit is suitable for any graduate level student. Considering following points • Student must know: how company/organization works • Students knows the basics of ICT-technologies • Student is able to study with weekly based schedule NOTE. Any student who is willing to learn the overview of information security technologies, we recommend to participate following study unit: Introduction to Information Security
Contents	• Introduction to study unit • Study unit targets • Pedagogical approach • How people learn • Design an information security management system for an organization • Introduction to the management of information security • Planning for Security • Information Security Policy • Security Management Practices • Draw contingency plans for information systems • Planning for Contingencies

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	• Evaluate the significance of different roles and the information security organization for the implementation of information security • Developing the Security Program • Personnel and Security • Apply standards in the development of information security in an organization • Security Management Models • Evaluate information risks directed at organizations systematically and apply risk management practices • Risk Management: Identifying and Assessing Risk • Risk Management: Controlling Risk
Study material	• Learning material is based on Certified Information Security Manager (CISM) • The study unit provides preparatory training for CISM and not certification.
Tutoring and communication	• Tutoring session at the start of the study unit and counseling sessions when needed • Virtual studies, weekly basis virtual learning and assignments
Evaluation criteria and methods	• Weekly study, assignment and tasks • Students collect the points for different learning activities • Online Tests • Weekly studies • Learning assignments and tasks NOTE. Study unit requires weekly based learning effort.
Work strain	• 5 cr / 137,5 hours • Study unit will last 16 weeks