

Implementation plan Finished

Study unit	Information Security Development Project (A9189), 5.0
Implementation	CCA1611: 1/2016-2017 (29.08.2016 - 23.12.2016)
Type	INFORMATION SECURITY MANAGEMENT (A846)
Groups	Primary: CCA16SY Others :
Involved in the project	
Lecturers	Pasi Kämppi and Paresh Rathod
Number of participants	Minimum: Maximum:
Enrolment period	16.05.2016 08:00 - 31.05.2016
Main timing for implementation	On working days during daytime
Applicability	For exchange students: Yes For elective studies: Yes Open UAS student: No Suitable for virtual UAS: Yes
Teachers	Kämppi Pasi (Teacher in charge), Rathod Paresh (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Project/venture/R&D Language: English Virtuality: 1 cr Integration of R&D: 2 cr
Implementation class	
Focus areas	Security, safety and social responsibility, Service business
Evaluation at the latest	23.01.2017 Storing of graded material ends.: 23.12.2017
Exam days	
Having completed the study unit the student is able to	The student is able to: • recognize the need to develop information security • plan, implement and document an information security development project for an organization • apply the practices and techniques of project management
Previous studies	
Previous studies, more information	• The student should be familiar with information security management principles.
Learning objectives	• The student is able to apply chosen information security framework in the information security project • VAHTI, KATAKRI, BSI, NIST, PCI-DSS, ... • The student is able analyze and describe the current status of the information security in the target organization • The student is able to identify the most significant information security risks in the target organization • The student is able to present the results of the project both by writing and orally • The student is able to work in the project according PMBOK project framework • The student is able to compose a project plan • The student is able to compose a WBS (work breakdown structure) • The student is able to plan resource allocation • The students is able to present project results to other groups • The students is able to manage their projects with project management tool (MS Project Online) • The student is able to make both self and peer-to-peer evaluation
Study material	• VAHTI documentation • KATAKRI • BSI Grundschrift documentation • NIST documentation
Tutoring and communication	• Possible tracks: • Track 1: The team obtains a target organization and applies information security

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	- in real environment - Track 2: The team works on developing instructions on how to protect a chosen object (list of suitable objects to be provided) - Track 3: The team participates Laurea research project - The team follows selected project framework (PMBOK) - The team applies selected information security framework with chosen context - Minimum 5 workshops during the project - The result of the project is the deliverable (final report) that reports the results proper way - The team will report the status of the project by agreed frequency - Teams will present their projects at the end of the study unit in a seminar
Evaluation criteria and methods	Point based evaluation 100 p maximum 50-59, grade 1 60-69, grade 2 70-79, grade 3 80-99, grade 4 90-100, grade 5 Point gain principle (can be modified according study unit implementation): 15p: workshops 10p: use of project management tool 10p: project plan 50p: results 10p: final seminar 5p: self- and peer-to-peer evaluation - max 100p / student