

Implementation plan Finished

Study unit	SOA: Principles of Service Design (A9062), 5.0
Implementation	NIA1411: 1/2014-2015 (25.08.2014 - 23.12.2014)
Type	DEVELOPMENT OF CORE COMPETENCES IN THE FIELD (A030)
Groups	Primary: NIA13SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	19.05.2014 08:00 - 02.06.2014
Main timing for implementation	
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: No
Teachers	Rathod Paresch (Teacher in charge)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Other method of implementation Language: English Virtuality: 0 cr Integration of R&D: 2 cr
Implementation class	
Focus areas	
Evaluation at the latest	20.01.2015 Storing of graded material ends.: 20.12.2015
Exam days	
Having completed the study unit the student is able to	- understand the key concepts and principles of Service Oriented Architecture and service design - analyze and explain the service-orientation design paradigm - document specific design characteristics realized by the application of individual design principles - understand the link between the design characteristics realized by service-orientation and the strategic goals associated with SOA and service-oriented computing - demonstrate an understanding of the origins of service-orientation and identify the ways in which this paradigm differs from other design approaches
Previous studies	Designing ICT Systems or equivalent knowledge

Learning events

Date	o'clock/at h	2	Subject	Content	Status	Teachers
04.09.2014	09.00 - 11.30	2	Induction of study unit	Introduction to study unit- Implementation Plan- Guidance on Workshop & Tutoring Help- Team forming and Workshop allocation	181	
11.09.2014	-as above-		Workshop - DONE	Workshop-01: Introduction to service-oriented Computing and SOA (Based on Thomas Erl Topic - 03 & 04)	181	
18.09.2014	-as above-		Workshop - DONE	Workshop-02: Understanding Design Principles (Based on Thomas Erl Topic - 05) Note- Also refer Topic - 04	195A	
25.09.2014			Tutoring	Tutoring Session with Tutors (Self-study)		
02.10.2014	09.00 - 11.30		Workshop -	Workshop-03: Service Contracts (Based on Thomas Erl Topic - 06)	258	
09.10.2014	-as		Workshop -	Workshop-04: Service Coupling (Based	195A	

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	above-		DONE	on Thomas Erl Topic 07)		
16.10.2014	-as above-		Workshop - DONE	Workshop-05: Service Abstraction (Based on Thomas Erl Topic 08)	195A	
23.10.2014	09.30 - 11.30	2	Workshop - DONE	Workshop-06: Service Reusability (Based on Thomas Erl Topic 09)	181	
30.10.2014			Test	09.30 - 11.30 Learning activity based Test - 01 (Covering workshop - 01 to 05)	253	
06.11.2014	09.00 - 11.30	2	Workshop	Workshop-07: Service Autonomy (Based on Thomas Erl Topic 10)	195A	
13.11.2014	-as above-		Workshop	Workshop-08: Service Statelessness (Based on Thomas Erl Topic 11)	195A	
20.11.2014	-as above-		Workshop	Workshop-09: Service Discoverability (Based on Thomas Erl Topic 12)	195A	
27.11.2014	-as above-		Workshop	Workshop-10: Service Composability (Based on Thomas Erl Topic 13)	195A	
04.12.2014			Tutoring	Tutoring & Self-study		
11.12.2014	-as above-		No Meeting	Workshop-11: Service-Oriented and Object-Oriented: A Comparison of Principles and Concepts (Based on Thomas Erl Topic14)		
18.12.2014	-as above-			09.00 - 11.30 Learning activity based Test - 02(Covering workshop - 06 to 10) 09.00 - 11.30 Exam for Second Track Students (Covering workshop - 01to 10)	195A	
				Check with Teacher (Arrange later on) Final Chance -Exam for Second Track Students		