

Implementation plan Finished

Study unit	Planning and implementing SOA solutions using Oracle (A0115), 10.0
Implementation	NIA1021: 2/2010-2011 (03.01.2011 - 20.06.2011)
Type	APPLIED ICT & SERVICE DESIGN (0332)
Groups	Primary: NIA09SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	29.11.2010 08:00 - 05.12.2010
Main timing for implementation	
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: No
Teachers	De Arruda Camara Antonius (Teacher in charge), Rathod Paresh (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Other method of implementation, Project/venture/R&D Language: English Virtuality: 0 cr Integration of R&D: 0 cr
Implementation class	
Focus areas	
Evaluation at the latest	20.07.2011 Storing of graded material ends.: 20.06.2012
Exam days	
Having completed the study unit the student is able to	• explain the basic concepts of Service Oriented Architectures and related technology using Oracle SOA Suite • work with the components of SOA Suite • create and deploy Web Services with Oracle SOA Suite - Develop a Java Web service • modify a BPEL process to invoke a Web service • deploy and execute an BPEL Process to Oracle SOA Suite • manage and monitor an BPEL Process • configure Oracle Enterprise Service Bus(ESB) services • integrate services through Adapters • define Oracle rules and observe their behaviour - Transform messages in ESB and BPEL • secure a BPEL process and services • work with components of Oracle Web Services Manager (OWSM)
Previous studies	Service Oriented Architecture (SOA):Principles of Service Design

Learning events

Date	o'clock/at h	Subject	Content	Status	Teachers
		Course start	The course starts on Tuesday, 01/February, at 09:00.The detailed course agenda will then be updated on the course's Optima space.		