

Implementation plan Finished

Study unit	Mobile Application Development Frameworks (A9210), 5.0
Implementation	CCA1511: 1/2015-2016 (31.08.2015 - 23.12.2015)
Type	MOBILE APPLICATION DEVELOPMENT (A847)
Groups	Primary: CCA15SY Others :
Involved in the project	
Lecturers	Paresh Rathod
Number of participants	Minimum: Maximum:
Enrolment period	18.05.2015 08:00 - 31.05.2015
Main timing for implementation	On working days during daytime
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: Yes
Teachers	Rathod Paresh (Teacher in charge)
Campus	Laurea Leppävaara
Main location for implementation	At the campus
Implementation method	Optima realization/student group, Project/venture/R&D, Web/virtual Language: English Virtuality: 3 cr Integration of R&D: 2 cr
Implementation class	LbD based on local project or development task
Focus areas	Service business
Evaluation at the latest	23.01.2016 Storing of graded material ends.: 23.12.2016
Exam days	
Having completed the study unit the student is able to	The student is able to: - describe the key frameworks and required technologies to develop applications for the major mobile platforms in the industry - install and configure a development environment for a chosen mobile platform - design, develop and implement simple mobile applications using the chosen development environment
Previous studies	
Previous studies, more information	Student must know web design with HTML5 / CSS3
Contents	Design, develop and implement simple mobile applications using the chosen development environment. Note: The study offering is based on Laurea Generic competences
Study material	Optima and online learning tool
Tutoring and communication	Regular teacher guided workshops
Evaluation criteria and methods	<u>Learning tasks and Mobile App project</u> The students have two possible way of studying. A student can select the one of them as per own learning-orientation (Track-1) Teacher Guided Mobile Apps Workshop (Track-2) Self-learning with testTrack-1: Students collect points for team work for workshop, workshop learning activities, take-away learning tasks and small tests. Track-2: Students collect points for weekly online learning and writing learning reflection, developing own mobile apps and evaluation tests. Note: The final evaluation is based on Laurea Generic competences
Project (name)	Project Task
R&D methods	Applied & Action Research
Work strain	5 credits/137.5 hours of student work/8-10 hours per week