



Itä-Suomen ICT-polku

COURSE DATA

BASIC INFO

Name	Software Engineering I		
Code	Savonia: ETA7500 Karelia: LTD6014 UEF: 3621254		
Name in Finnish	Ohjelmistotuotanto I		
Credits (ECTS)	5	Grading	0 - 5
Teaching period	1K		
Language	Finnish		
Type	Savonia: compulsory course Karelia: compulsory course UEF/TKT: compulsory course		



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COURSE DESCRIPTION

Objectives	<p>You understand the importance of documentation in software projects</p> <p>You are able to produce a project card</p> <p>You are able to keep record of your use of time in a software project</p> <p>You are able to produce a final report of a software project</p> <p>You are able to arrange a quality inspection session</p> <p>You are familiar with meeting practices in a project</p> <p>You are able to keep minutes in a project meeting or an inspection</p> <p>You are able to arrange project meetings or inspections</p> <p>You know ways of defining and describing user requirements</p>
Content	<p>Theory (2 ECTS) and project work (3 ECTS)</p> <p>Requirements engineering</p> <p>Life cycle models in software engineering</p> <p>Managing software projects</p> <p>Introduction to concepts and problems in software engineering</p> <p>Documentation</p> <p>In the project:</p> <ul style="list-style-type: none">- Project card – estimated project schedule- Tracking the project schedule – keeping track of own time use- Implementation- Final report- Inspections and meeting practices- Architectural design will be given
Modes of study	Pre-recorded theory lectures, demo sessions, group work.
Study materials	To be announced at the start of the course.
Teaching methods	Lectures 4h, videos 5h, demos 14h, exam 4h, independent work approx. 80h, group work approx. 20h.
Prerequisites	Programming I - Basics of Programming
Other issues	