

Information on the written exam

The written exam takes place on Friday 2006-09-08, 8.15–10.15

The exam comprises 10 questions (four for software engineering, processes and verification & validation, three for XP and three for UP). All questions are of the type

“What is (according to the course material and literature respectively) meant by the term X?”

where X is one of the terms given below. The answer should be short (around four sentences and never more than eight sentences).

For each question you can receive 0, 1, or 2 points. The exam is graded with fail, 3, 4, and 5 (with 5 being the best mark). A total of 18 points is needed to receive a 5, a total of 16 points is needed to receive a 4, and a total 14 points is needed to receive a 3.

Software engineering, processes and verification & validation

Software engineering, process, life cycle model, maintenance, waterfall model, incremental development, iterative development, correctness, testing, debugging, failure, fault, error, coverage-based testing, fault-based testing, error-based testing, black box testing, white box testing, unit testing, integration testing, acceptance testing, inspection, formal verification.

XP

Practice, value, principle, communication, simplicity, feedback, courage, humanity, mutual benefit, self similarity, failure, baby steps, accepted responsibility, sit together, whole team, informative workspace, pair programming, stories, weekly cycle, test-first programming.

UP

Use-case driven, architecture-centric, iterative and incremental, inception phase, elaboration phase, construction phase, transition phase, requirement workflow, analysis workflow, design workflow, implementation workflow, test workflow, use-case model, analysis model, design model, deployment model, implementation model, test model.