



KURSPLAN

Produktutveckling i interdisciplinära team - 1, 3 högskolepoäng

Product Development in Cross-discipline Teams – 1, 3 credits

Kurskod:	TP1S29	Utbildningsnivå:	Avancerad nivå
Fastställd av:	VD 2019-06-01	Utbildningsområde:	Tekniska området
Reviderad av:	Utbildningschef 2020-05-14	Ämnesgrupp:	DT1
Gäller fr.o.m.:	2020-08-01	Fördjupning:	A1F
Version:	2	Huvudområde:	Informatik, Produktutveckling

Lärandemål

After a successful course, the student shall:

Kunskap och förståelse

- demonstrate comprehension of practical aspects of Agile software product development
- display knowledge of some existing tools for supporting continuous integration and testing

Färdighet och förmåga

- demonstrate the ability to participate cross-discipline teams for software product development

Värderingsförmåga och förhållningssätt

- demonstrate the ability to select appropriate completion criteria for an evolving software product

Innehåll

The course supports student teams in the specification and delivery of a software product. The requirement for the product may originate from an external company or organisation, from a need internal to the University, or from an original idea from the students. The software product will be developed through an Agile lifecycle, with clearly defined intermediate deliverable points.

Undervisningsformer

The course will consist primarily of practical work, supported by review seminars and preparation of a written and oral final report.

Students will work in teams.

Undervisningen bedrivs på engelska.

Förkunskapskrav

Passed courses at least 90 credits within the major subject Informatics or Product Development, and completed course Industrial Product Realization in Collaboration, 6 credits or equivalent.

Proof of English proficiency is required.

Examination och betyg

Kursen bedöms med betygen 5, 4, 3 eller Underkänd.

The final grade for the course is based on a balanced set of assessments. The final grade will only be issued after satisfactory completion of all assessments.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Rapport och presentation	3 hp	5/4/3/U

Kurslitteratur

The literature list for the course will be provided one month before the course starts.

Handouts during the course