



## COURSE SYLLABUS

# Product Development in Cross-discipline Teams - 2, 1.5 credits

*Product Development in Cross-discipline Teams - 2, 1,5 högskolepoäng*

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<b>Course Code:</b> TC2S29	<b>Education Cycle:</b> Second-cycle level
<b>Confirmed by:</b> Dean Jun 1, 2019	<b>Disciplinary domain:</b> Technology
<b>Valid From:</b> Aug 1, 2019	<b>Subject group:</b> DT1
<b>Version:</b> 1	<b>Specialised in:</b> A1F

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### Contents

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 leading to project closure ready for hand-off to future development or maintenance.

### Type of instruction

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.

The teaching is conducted in English.

### Prerequisites

Passed courses totaling 180 credits in first cycle, with at least 90 credits in Computer Engineering, Electrical Engineering (with relevant courses in Computer Engineering), or equivalent. The bachelor degree should comprise a minimum of 15 credits in Mathematics. Completed courses in Product Development in Cross-discipline Teams – 1, Software Product Architectures, Software Product Quality Assurance (or equivalent). Proof of English proficiency is required.

### Examination and grades

The course is graded 5,4,3 or Fail.

The final grade will only be issued after satisfactory completion of all assessments.

Registration of examination:

Name of the Test	Value	Grading
Report and presentation <sup>1</sup>	1.5 credits	5/4/3/U

<sup>1</sup> Determines the final grade of the course, which is issued only when all course units have been passed.

### **Other information**

The product development project will continue work on the code base delivered at the end of PDCT Part 1. For situations where this is not possible (for example, exchange students or where teams have had to be reformed), then alternative arrangements will be made.

### **Course literature**

#### Literature

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