



## COURSE SYLLABUS

### Distribuerad utveckling och outsourcing

#### Distributed Development and Outsourcing

2,5 ECTS credit points (2,5 högskolepoäng)

**Course code:** PA2548

**Educational level:** Second cycle

**Course level:** A1N

**Field of education:** Technology

**Subject group:** Computer Technology

**Subject area:** Software Engineering

**Version:** 4

**Applies from:** 2016-09-01

**Approved:** 2016-03-01

**Disused:** 2019-12-17

#### 1 Course title and credit points

The course is titled Distributed Development and Outsourcing/Distribuerad utveckling och outsourcing and awards 2,5 ECTS credits. One credit point (högskolepoäng) corresponds to one credit point in the European Credit Transfer System (ECTS).

#### 2 Decision and approval

This course is established by 2016-02-01. The course syllabus was revised by Head of Department of Software Engineering and applies from 2016-09-01. Regnr: BTH 4.1.1-0549-2015.

#### 3 Objectives

The aim of the course is to provide knowledge and understanding of the specificity of the global software projects in general and outsourcing in particular, with respect to communication, collaboration and coordination of activities within software development, and the importance of interpreting and sensitively exploit diversity (incl. cultural, and organizational) in a professional career. The course will illustrate the state-of-the-art knowledge in the field and focus on industrial case studies as a source of reflection and learning.

#### 4 Content

The course consists of five modules containing different topics for software developers and project managers: 1) basic concepts, 2) key challenges, 3) the feasibility of offshoring and outsourcing, 4) distributed teamwork, and 5) distributed project management.

#### 5 Aims and learning outcomes

*Knowledge and understanding*

On completion of the course, the students shall be able to:

- Understand the risks associated with global projects, demonstrate knowledge of methods to

reduce these risks, the ability to apply this knowledge and understanding of the assessment of the feasibility of offshoring.

*Competence and skills*

On completion of the course, the students shall be able to

- Demonstrate the knowledge of techniques that will reduce the risks of global projects.

*Judgement and approach*

On completion of the course, the students shall be able to:

- Demonstrate the ability to apply this knowledge and understanding of the assessment of the feasibility of offshoring.

#### 6 Learning and teaching

The course is organized around a number of video lessons and course materials that describe case studies and their practical consequences.

English

#### 7 Assessment and grading

*Examination of the course*

Code	Module	Credit	Grade
1610	Tests in Modules 1-5	1 ECTS	G-U
1620	Project Assignment	1.5 ECTS	G-U

The course will be graded G Pass, UX Fail, supplementation required, U Fail.

#### 8 Course evaluation

The course coordinator is responsible for systematically gathering feedback from the students in course evaluations and making sure that the results of these feed back into the development of the course.

#### 9 Prerequisites

At least 120 credits in a technical subject and a minimum of 2 years professional experience in software development (shown by, for example, a

work certificate from an employer).

**10 Field of education and subject area**

The course is part of the field of education and is included in the subject area Software Engineering.

**11 Restrictions regarding degree**

The course cannot form part of a degree with another course, the content of which completely or partly corresponds with the contents of this course.

**12 Course literature and other teaching material**

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