



II2203Handledning av forsknings- och utvecklingsprojekt inom informations- och kommunikationsteknik 7,5 hp

Coaching of ICT R&D Projects

Fastställande

Kursplan för II2203 gäller från och med HT09

Betygsskala

P, F

Utbildningsnivå

Avancerad nivå

Huvudområden

Informations- och kommunikationsteknik, Informationsteknik

Särskild behörighet

Students is admitted to this course individually.

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

The objective of this course is to offer students that have taken the ICT/Communication Systems Design course an introduction to the theory as well as a practical experience of leadership and coaching of advanced technical R&D tasks. The course will also provide a platform for the coaches to work from and a review of their responsibilities and authority.

After the course, the student will be able to organize and drive a small technical development project, including recruitment of staff and supervise the project while conducted.

Kursinnehåll

A list of course content

- Discussions and meetings with members and leaders in supervised project groups
- Writing meeting notes, set up meeting schedule ..
- Organize workshops.
- Categorize, analyze and assess the "way of work" and organization of supervised/coached project groups.
- Drive progress and quality enhancement in project groups processes, collaboration, "way of working" etc.
- Readings about coaching and project methodologies
- Find out ideas and suggestions to improve or change project groups "way of working"
- Support project leaders in their managing of project group
- Discuss matters of concern with other coaches and teachers in weekly meetings.
- Assessment of supervised project groups

Kursupplägg

In the beginning of the course, or even before this course starts, you will be assigned as Coach to one or more student project groups.

Your first task is to outline and write a draft to a "Coaching Plan" for your coming activities and efforts in coaching your groups. This plan is to be communicated with your project group, fellow coaches and teachers in the coach course.

This plan will evolve during the projects and will be handed in continuously in new updated versions.

According to your "Coach Plan" you will perform activities, meetings, own work, assessment etc.

Mandatory activities and documentation stated in this coaching course must be implemented in your coaching plan.

In order to support you in your coaching there are weekly meetings with all coaches and coach course leaders where we discuss ideas and progress.

At the end you will hand in a "reflection report", assessment of project groups and maybe some specific artifact about a special matter.
Your final "Coach Plan" is also at hand.

Kurslitteratur

Course literature is defined at course start up and may differ from time to time and may also be different for each student.

Utrustning

A laptop computer of your own.

Examination

- HDL1 - Coachning, 3,0 hp, betygsskala: P, F
- ANN1 - Ledning av diskussionsgrupper, 1,5 hp, betygsskala: P, F
- ANN2 - Auskultation och konstruktiv kritik, 3,0 hp, betygsskala: P, F

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enskilda studenter.

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Examination is done by fulfilling specified activities and handing in mandatory documents. If those things are approved you will pass this course.

There is no writing test (in swedish, "skriftlig tentamen") at the end of the course.

Övriga krav för slutbetyg

The examination of this course is based on:

- Coaching 1-2 projects in the Communication Systems Design group of courses.
- Compulsory attendance to the course meetings and exercises, including meetings regarding project acquisition, staffing of projects, monitoring and supervision of the different project phases.
- Organizing and moderating one discussion in a web discussion forum on leadership and coaching of technical R&D projects, including, preparing questions about the topic to ensure a good discussion, writing a short summary of major discussion points for the web, moderating to keep the discussion focused and get all participants active.
- Monitoring, critiquing and providing feedback to another coach. Results will be based on

how well the coach critiques another coach, how well s/he gives feedback and, how the coach takes the feedback.

- Reading specified literature on Coaching/ Leadership, submit a brief review of the basic ideas, applying a few of them in the practical coaching part and evaluating the experience in a Lessons Learned paper evaluating the communication systems design course, the project(s) coached and the coaching course.

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.