



Faculty of Economic Sciences, Communication and IT
Computer Science

Syllabus

Course Approval

The syllabus was approved by the Faculty Board of Economic Sciences, Communication and IT on 8 March 2012, and is valid from the Autumn semester of 2012 at Karlstad University.

Course Code: DVGC23

Project Work in Computer Science, 7.5 ECTS Credits

(Projektarbete i Datavetenskap, 7.5 Swedish credit points)

Degree Level: Bachelor

Progressive Specialisation: G2F (First cycle, has at least 60 credits in first-cycle course/s as entry requirements)

Language of Instruction

English. Supervision is offered in Swedish and English.

Prerequisites

Computer Science 60 ECTS or including Software Engineering 7.5 ECTS or equivalent

Major Field of Study

DVA (Computer Science)

Learning Outcomes

Upon completion of the course students should be able to:

- demonstrate understanding of the problems, procedures, and tools common to programming projects,
- ability to plan and carry out tasks using appropriate methods and keeping deadlines,
- demonstrate ability to function and cooperate in teams,
- demonstrate ability to define their needs for further knowledge and develop competence,
- apply professional programming development methodology in a project, and
- present their results orally and in writing.

Content and Form of Instruction

Students apply a development method to a given problem in a major programming project and implement their solutions. Classes are in the form of some lectures followed by a supervised group project. In the course of the work students report in writing on their progress and sub-goal fulfilment. The reports form the basis of the oral and written seminar presentations of the work at the end of the course.

Reading List

See separate document.

Examination

Assessment is based on continuous reports on the progress of the project and on the individual contribution to the solution, and on an oral presentation and a written report.

Grades

One of the grades Pass with Distinction (5), Pass not without Distinction (4), Pass (3), or Fail (U) is awarded in the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course assessment is based on student views and experiences as reported in written course evaluations and/or group discussions. Students will be informed of the result of the evaluation and of the measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional Information

Students who enrolled before 1 July 2007 will complete their studies in accordance with the requirements of the earlier admission. Upon completion students may request degree and course certificates to be issued under the current ordinance if they meet its requirements.

The local regulations for studies at the Bachelor's and Master's levels at Karlstad University stipulate the obligations and rights of students and staff.

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