



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 1 June 2011, and is valid from the Autumn semester of 2011 at Karlstad University.

Course Code: DVGB06

Applied Programming, 15 ECTS Credits

(Tillämpad programmering, 15 Swedish credit points)

Degree Level: Bachelor

Progressive Specialisation: G1F (First cycle, has less than 60 credits in first-cycle course/s as entry requirements)

Language of Instruction

The language of instruction is English, if required.

Prerequisites

Computer Science 30 ECTS cr.

Major Field of Study

DVA (Computer Science)

Learning Outcomes

Upon completion of the course students should be able to:

- carry out a major programming development project based on an idea or an existing prototype individually or in groups,
- write reports summarising programming development projects, and
- present reports of programming development projects orally.

Content and Form of Instruction

The course consists of three periods:

- Introductory period: goals, time reports, formal report requirements
- Project period: students work in groups on their software system and documentation under supervision
- Report period: students present the projects and their results to fellow-students and invited guests, and submit their written reports.

Instruction is in the form of lectures, supervision and individual work.

Reading List

See separate document.

Examination

Examination is based on the amount of time spent in relation to achievement, the progress made in the project development and on the final presentation and submitted documentation. For a Pass grade students are also required to actively partake in the supervision sessions.

Grades

One of the grades Pass (G) or Fail (U) is awarded in the examination of 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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