



Faculty of Economic Sciences, Communication and IT  
Information Systems

## Syllabus

### Course Approval

The syllabus was approved by the Faculty Board of Economic Sciences, Communication and IT on 11 March 2009, and is valid from the Spring semester of 2009 at Karlstad University.

**Course Code:** ISGC15

**Systems Integration, 7.5 ECTS Credits**

**(Systemintegration, 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

Swedish

### Prerequisites

Information Systems or Computer Science 60 ECTS cr.

### Major Field of Study

IKA (Information Systems)

### Learning Outcomes

Upon completion of the course, students should be able to:

- analyse and suggest integration solutions for subsystems,
- develop integration solutions in respect to operational, informational and technical perspectives,
- document and report the architecture of the integration solutions and implementation,
- work in a team where different types of expertise are used to create integration solutions with regard to operational needs and the technical possibilities required to meet operational needs.

### Content and Form of Instruction

The course deals with systems integration where cross-expertise teams of students with different backgrounds work together to solve systems integration problems from operational, informational and technical perspectives. Students also carry out a systems integration project independently, integrating a standard system, e.g. a business system, with other subsystems.

### Reading List

See separate document.

### Examination

Examination is in the form of written and oral presentation of the team project.

## Grades

One of the grades Distinction (VG), 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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