



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 18 March 2009, and is valid from the Spring semester of 2009 at Karlstad University.

**Course Code:** ISGB06

**Enterprise Systems II: Development Models, 7.5 ECTS Credits**  
(Affärssystem II: Utvecklingsmodeller, 7.5 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**

Swedish

#### **Prerequisites**

Information Systems 1-30 ECTS credits, or Business Administration 1-30 ECTS credits, or equivalent

#### **Major Field of Study**

IKA (Information Systems)

#### **Learning Outcomes**

The aim of the course is that students acquire deepened knowledge of different types of development models for enterprise systems, such as various models for the customer's purchase of systems, the supplier's product development, and third-party models for outsourcing and offshoring. Students also acquire basic knowledge and skills in project methodology with a focus on project planning techniques.

Upon completion of the course students should be able to:

- describe, compare and distinguish major development models,
- describe and understand central concepts concerning development models for enterprise systems,
- describe and apply key techniques and steps in project planning,
- describe and explain the meaning of central concepts with relevance to the application of the project form in professional environments,
- apply course content by systematically discussing case study issues,
- conduct studies which require the use of development models for enterprise systems.

#### **Content and Form of Instruction**

The course centres on the professional development of an enterprise through the acquisition and maintenance of enterprise systems in organisations. Important issues addressed are requirement specification in dialogue with customer/supplier, different implementation techniques for customer roll-out of enterprise systems in organisations and the supplier's handling of the enterprise system version. Present and future trends regarding the supplier's market for enterprise systems in Sweden and abroad are treated. Also treated is project leadership methodology with an emphasis on different generally applicable planning techniques. An overview is provided

of project work in professional environments in which developing and implementing enterprise systems are frequent project types.

#### Reading List

See separate document.

#### Examination

Examination is in the form of individual exams and based on the report of a group project. Attendance is mandatory at some of the seminars.

#### 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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