



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 7 March 2007, and is valid from the Autumn semester of 2007 at Karlstad University.

Course Code: ISGC01

Interaction Design, 7.5 ECTS Credits
(Interaktionsdesign, 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 60 ECTS cr. or equivalent

Major Field of Study

IKA (Information Systems)

Learning Outcomes

The aim of the course is that students acquire skills in identifying factors and conditions of importance to the computer-human interaction. Students should also acquire knowledge of approaches to the design and evaluation of interactive systems as well as knowledge of the psychological aspects pertaining to their design.

Upon completion of the course students should be able to:

- describe different cognition perspectives, perception theories and memory psychological concepts pertaining to the user's situation,
- identify, describe and use methods and models for dialogues and dialogue architecture,
- describe, compare, evaluate and apply methods of collecting requirements, content analysis, and user-oriented design of interactive systems,
- describe and apply aspects of graphic design and design of web documents in web designing,
- describe, compare, evaluate and apply different methods for evaluating interactive systems.

Content and Form of Instruction

The course deals with the design and evaluation of interactive systems. The course also addresses the cognitive aspects pertaining to the user's situation, such as memory psychology, mental and conceptual models, and ways of identifying user needs.

The course is offered on or off campus. Instruction on the campus version is in the form of seminars and lectures, as well as supervised application sessions. Instruction on the distance version is in the form of study guides and supervised application sessions via Internet based platform.

Reading List

See separate document.

Examination

Examination is in the form of written or oral exams and/or reports of application exercises. All laboratory work must also be completed before a course grade is awarded. Examination based on this syllabus may be completed up to one year after the syllabus is replaced. Two examination opportunities are provided during the first academic year in which the course is not offered, and one in the second year.

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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