



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 19 October 2009, and is valid from the Autumn semester of 2010 at Karlstad University.

**Course Code:** ISGC16

**User tests, prototyping and evaluation, 7.5 ECTS Credits**

**(Användartester, prototyping och utvärdering, 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

The language of instruction is English if so required by international students or teachers. If not, the language of instruction is Swedish.

### Prerequisites

Information Systems 60 ECTS cr.

### Major Field of Study

#### Learning Outcomes

Upon completion of the course, students should be able to

- explain and discuss the concept of design as used in the fields of multimedia and human-computer interaction,
- evaluate complete web and multimedia products from a user perspective and present the results orally and in writing,
- apply user-oriented interaction design methods including various types of prototyping,

and act professionally in their role as interaction designer which involves the ability to

- make ethical decisions in connection with user-oriented development activities, and
- evaluate and argue the needs of the client and the user of websites as well as balance needs against budget.

#### Content and Form of Instruction

This is a specialisation course on user test methodology. Students practice evaluating design proposals through prototyping and user tests. Special emphasis is on formulating reliable and valid evaluation reports.

#### Course components:

- user testing in laboratory and home environments
- practice in using screen recording, sound recording, OZlab and eye-tracking as evaluation tools,
- evaluating interaction design proposals through the questionnaire method including video file demonstrations of interaction design proposals
- presenting evaluations to teachers, fellow-students, researchers and practitioners and developing skills in report writing.

## Reading List

See separate document.

## Examination

Examination is based on active participation in seminars, laboratory exercises, presentations and a written exam. The written exam involves correcting a faulty test report.

## 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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