



Faculty of Arts and Social Sciences
Information Systems

Syllabus

User tests, prototyping and evaluation

Course Code:	ISGC16
Course Title:	User tests, prototyping and evaluation <i>Användartester, prototyping och utvärdering</i>
Credits:	7.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

Major Field of Study:
IKA (Information Systems)

Course Approval

The syllabus was approved by the Faculty of Arts and Social Sciences 2022-09-07, and is valid from the Spring semester 2023 at Karlstad University.

Prerequisites

60 ECTS credits in Information Systems or Computer Science, or 30 ECTS credits in Information Systems and 30 ECTS credits in Project Management, or equivalent

Learning Outcomes

Upon completion of the course, students should be able to

1. explain and discuss the concepts user interface (UI), interaction design (ID), and user experience (UX),
2. evaluate complete websites and applications from a user perspective,
3. present evaluation results orally and in writing,
4. apply user-oriented interaction design methods including various types of prototyping,
5. act professionally in their role as interaction designer, which involves the ability to make ethical decisions in connection with user-oriented development activities, and
6. evaluate and argue for the needs of the client and the user of websites as well as balance

needs against budget.

Content

This is a specialisation course on user test methodology. Students practise 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.

Instruction is based on lectures, seminars, and laboratory sessions.

Reading List

See separate document.

Examination

Assessment is based on active participation in seminars, group laboratory sessions and oral and written group presentations, and a written exam. The written exam involves correcting a faulty test report.

If students have a decision from Karlstad University entitling them to Targeted Study Support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

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 evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.