This course syllabus is discontinued or replaced by a new course syllabus.

ÖREBRO UNIVERSITY
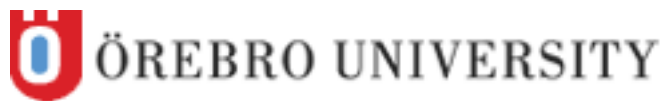
Course Syllabus

School of Science and Technology

Compilers and Interpreters, 7.5 Credits

Course Code:	DT125G	**Subject Area:**	Field of Technology
Main Field of Study:	Computer Science	**Credits:**	7.5
		Subject Group (SCB):	Computer Science
Education Cycle:	First Cycle	**Progression:**	G1F
Established:	2016-11-30	**Last Approved:**	2017-03-30
Valid from:	Autumn semester 2017	**Approved by:**	Head of School

Aims and Objectives

General aims for first cycle education

First-cycle courses and study programmes shall develop:
- the ability of students to make independent and critical assessments
- the ability of students to identify, formulate and solve problems autonomously, and
- the preparedness of students to deal with changes in working life.

In addition to knowledge and skills in their field of study, students shall develop the ability to:
- gather and interpret information at a scholarly level
- stay abreast of the development of knowledge, and
- communicate their knowledge to others, including those who lack specialist knowledge in the field.

(Higher Education Act, Chapter 1, Section 8)

Course Objectives

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Main Content of the Course

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Examination Methods

Theory, 3 Credits. (Code: 0100)
Written examination.
A retake will be scheduled to take place within eleven weeks of the regular examination.

Project, 4.5 Credits. (Code: 0200)
Written and oral prosentations of project assignments. Individually or in groups according to the teacher's instructions.

For further information, see the university's local examination regulations (in Swedish).

Grades

According to the Higher Education Ordinance, Chapter 6, Section 18, a grade is to be awarded on the completion of a course, unless otherwise prescribed by the university. The university may prescribe which grading system shall apply. The grade is to be determined by a teacher specifically appointed by the university (an examiner).

According to regulations on grading systems for first- and second-cycle education (vice-chancellor's decision 2010-10-19, reg. no. CF 12-540/2010), one of the following grades is to be used: fail, pass, or pass with distinction. The vice-chancellor or a person appointed by the vice-chancellor may decide on exceptions from this provision for a specific course, if there are special reasons.

Grades used on course are 3, 4, 5 or Fail (U).

Theory
Grades used are Fail (U) or Pass (G).

Project
Grades used are 3, 4, 5 or Fail (U).

The course grading is translated to the ECTS grading scale.

For further information, see the university's local examination regulations (in Swedish).

Specific entry requirements

Programming Methodology, 7.5 credits and Object Oriented Programming, 7.5 credits.

For further information, see the university's admission regulations (in Swedish).

Transfer of Credits for Previous Studies

Students who have previously completed higher education or other activities are, in accordance with the Higher Education Ordinance, entitled to have these credited towards the current programme, providing that the previous studies or activities meet certain criteria.

For further information, see the university's local credit transfer regulations (in Swedish).

Reading List and Other Teaching Materials

Required Reading

Aho, Alfred V., Lam, Monica. S., Sethi, Ravi och Ullman, Jeffery D (2006)
Compilers - Principles Techniques and Tools, 2nd Rev Ed
Addison-Vesley, ISBN/ISSN: 03-21-48681-1