

title: object-oriented programming (object-georiënteerd programmeren)

lecturer: dr. A. Eliëns.

subject code: WD150.

credits: 4.5 ECTS credits = 3 studiepunten.

period: fall.

description: The course gives a survey of the most important notions in object-oriented software development. Concepts such as data abstraction, encapsulation, inheritance and polymorphism play a central role. Moreover, object-oriented design and analysis techniques will be discussed, and the application of these concepts in the development of frameworks and reusable software. Also subjects such as design patterns, components, distributed object technology and software architecture will be covered.

form of tuition: lectures. There is a separate practical work for 9 ECTS credits = 6 studiepunten.

literature: A. Eliëns, Principles of object-oriented software development. Addison-Wesley 2000. ISBN 0-201-39856-7.

examination: essay.

prerequisites: Java or C++.

for: 3IN, 4IN, 3BI, 4BWI, 4AI.