

t.PSP - Programmiersprachen

Person responsible for the course: Peter T. Früh, frup

Credits: 4

Valid for: 2011/2012

Last saved: 12.12.2011 10:05

Learning objectives:

The students know the most important language concepts based on existing programming languages and are capable to develop simple programs in these languages.

Course content:

History of programming languages
 Run time environments, compilers and virtual machines
 Object oriented programming: Eiffel
 Logical programming: Prolog
 Functional programming: Lisp
 Concurrent programming: Ada
 Script and dynamically typed languages: Python

Previous knowledge:

Object oriented programming

Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14*2
Tutorial/Practicum	14*2
Group teaching	
Block instruction	
Seminar	

Assessment:

According to the table or as specified in writing by the lecture at the beginning of the semester!

Number	Type	Weighting
1	Final exam	70%
3	Intermediate tests	15%
6	Programming assignments	15%

Language of instruction:

German

Instruction material:

Powerpoint slides (see <https://dublin.zhaw.ch/module/psp/>)

Links (see <https://dublin.zhaw.ch/module/psp/>)

Comments:

-