t.PSP - Programmiersprachen

Person responsible for the course:	Peter T. Früh, frup
Credits:	4
Valid for:	2010/2011
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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

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

Links

Comments:

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