

t.PPRG - Prozedurale Programmierung

Person responsible for the course: Bernhard Tellenbach, tebe

Credits: 4

Valid for: 2011/2012

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Learning objectives:

- Students have sound knowledge of the fundamental data types and concepts of a procedural programming languages and the most basic object-oriented concepts.
- They are able to develop solutions for small programming tasks within a single class.
- They thereby follow a structured plan
- They apply the concepts and datatypes appropriately and use objects of given classes where useful.

Course content:

- Introduction to procedural and object-oriented programming concepts
- Elementary data types, variables and operators
- Selections and logical expressions
- Loops
- Subprogramms, methods and parameter
- Events
- Arrays, single- and multidimensional
- Strings

Previous knowledge:

none

Teaching method:

Type of lesson:	Number of lessons per week:
Lecture	14x2L
Tutorial/Practicum	14x2L
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	End of term exam	75%
3-4	Short exams during the semester	25%
	Further assessments	

Language of instruction:

Deutsch

Instruction material:

Skript "Prozedurale Programmierung", H.-P. Hutter, ZHW

Douglas Bell, Mike Parr: Java for Students / Java für Studenten, Prentice Hall

Comments:

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