Modul Number	Modul Name	Lecturer in Charge
NES-12 08 07	VLSI Processor Design	Prof. Mayr
Contents and Objectives	tal VLSI-systems	sign on all levels of abstraction (betion) via simulation (functional verificance of transformation steps via force) checking compliance with design tion) ogether as a design team (division of terfaces, schedule planning and time dule, the students will be able to carry tion and verification of a VLSI-System inplexity comparable to an 8051) using
Modes of Teaching and Learning	industrial design software (Synopsys, Cadence).  The module consists of 2 hours per week lectures, 2 hours tutorial, 2 hours lab work and solf study.	
Prerequisites	rial, 2 hours lab work and self study.	
Usability	The module is an elective melectronic Systems'.	odule in the master's program ,Nano-
Requirements for Acquiring Credit Points	The credit points are awarded when the module assessment is passed. The module assessment consists of a project report with a scope of 30 hours.	
Credit Points and Grades	7 credit points can be obtained by the module. The module grade is the grade of the project.	
Frequency	The module is offered every summer semester.	
Work Load	The total effort is 210 hours	

44 last modified: 2017-01-16

<b>Duration</b> 1 Semester
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