

Module description

Module title				Abbreviation
Aerospace Laboratory				10-I-LRLA-172-m01
Module coordinator			Module offered by	
holder of the Chair of Computer Science		e VIII	Institute of Computer Science	
ECTS Method of grading		Only after succ. compl. of module(s)		
6 numerical grade				
Duration Module level		Other prerequisites		
1 semester undergraduate				
Contents				
of air and space flight. Life cycle of a complex development consisting of software, hardware, electronics and mechanics. Selection of suitable components. Intended learning outcomes				
The students will be able to construct and integrate prototypical subsystems consisting of software, hardware, electronics and mechanics by themselves as well as to operate, test and document these. The whole life cycle of a development will be tested: capture of requirements, rudimentary design, detailed design, modelling, implementation (software, hardware, mechanics), test design, inspection, maintenance, transfer to the successor model.				
Courses (type, number of weekly contact hours, language — if other than German)				
V(2) + P(2)				
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)				
Completion of approx. 6 practical exercises (approx. 4 hours each)				
Allocation of places				
Additional information				

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Workload

180 h

Teaching cycle

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module appears in

Bachelor's degree (1 major) Aerospace Computer Science (2017)

Module studies (Bachelor) Computer Science (2019)

Bachelor's degree (1 major) Aerospace Computer Science (2020)

Module studies (Bachelor) Aerospace Computer Science (2021)

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