

Module description

Module title						Abbreviation
Fundamentals and Programming of Avionics						10-I-MEC-172-m01
Module coordinator					Module offered by	
holder	of the	Chair of Computer Sc	ience VIII		Institute of Computer Science	
ECTS	S Method of grading		Only after s	Only after succ. compl. of module(s)		
10	nume	erical grade				
Duration		Module level	Other prere	Other prerequisites		
1 semester		undergraduate				
Contents						
Intend Unders	ed lear standin ning. En		gital data process	sing in e	mbedded systems.	Structure of hardware and prosand actuators as well as input
Courses (type, number of weekly contact hours, language — if other than German)						
V (4) +	Ü (2) +	P (2)				
		sessment (type, scope, la ble for bonus)	anguage — if other thar	n German, e	examination offered — if n	ot every semester, information on whether
4 hour		, weighted 1:1	ninutes) and prac	ctical exa	amination (approx.	6 programming exercises approx.
Allocat	tion of	places				

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Additional information

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Workload

300 h

Teaching cycle

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

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Module appears in

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

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

Bachelor' degree (1 major) Computer Science und Sustainability (2021)

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