

Module appears in

Master's degree (1 major) Aerospace Computer Science (2021)

Module description

Module title					Abbreviation
Orbital Mechanics					10-LURI=GRFM-212-m01
Module coordinator				Module offered by	
holder of the Chair of Computer Science VIII				Institute of Computer Science	
ECTS	Metho	ond of grading Only after succ. compl. of module(s)			
10	nume	rical grade			
Duration		Module level	Other prerequisites		
1 semester		graduate			
Contents					
body p through	roblem 1 obser	, identification of classi vation (Laplace method	cal orbit elements fror	n initial conditions,	icles, spherical trigonometry, two- identification of orbit elements t lift-off trajectory.
		ning outcomes	_		
	nd spa	_		•	l of orbit and orientation systems and analysis of orbit and orienta-
Course	S (type, r	number of weekly contact hours	, language — if other than Ge	rman)	
V (4) + Ü (2)					
		sessment (type, scope, langule for bonus)	age — if other than German,	examination offered — if n	ot every semester, information on whether
b) proje the top If anno examin prox. 1	ect wor ic) unced ation c minut ge of a	by the lecturer at the be of one candidate each (a les per candidate). ssessment: German and	ges) with presentation ginning of the course, pprox. 20 minutes) or	the written examina	and subsequent discussion on ation may be replaced by an oral n in groups of 2 candidates (ap-
Allocat	ion of p	olaces			
Additio	nal inf	ormation			
Worklo	ad				
300 h					
Teachi	ng cycl	е			
Referre	d to in	LPO I (examination regulatio	ns for teaching-degree progra	ammes)	

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