Supplement to Course Scheme Master Mechatronics (IMPMEC)

Consolidated Version
for Study Cohort from winter term 15/16
gem. SDA-Beschluss vom: 17.03.2021

Information regarding the lectures are available in the TUHH modul manuals as well as in the course catalogue.

	Module							Examination			Course Work		
	Re-com. Term	Module Name (German / English)	Language	ModuleResponsability	Institute	C/EC (1)	CM/ OM (2)	CP (4)	Grade	Exami-nation Form(3)	Compulsory	Course Work Type	Bonus (in %)
Technical Complementary Course Compulsory Courses: 0 LP Optional Courses: 6 LP													
	WT	EMV II: Signalintegrität und Spannungsversorgung elektronischer Systeme / EMC II: Signal Integrity and Power Supply of Electronic Systems	DE / EN	Prof. Schuster	E-18	EC	CM	6	Y	MP	Y	RE	0
	WT	Entwicklung haptischer Systeme / Engineering Haptic Systems	EN	Prof. Kern	M-4	EC	CM	6	Y	FFA	Y	FFST	20
	WT	Fortgeschrittenes maschinelles Lernen / Advanced Machine Learning	DE / EN	Dr. Zemke	E-10	EC	CM	6	Y	MP			
	WT	Intelligente Autonome Agenten und kognitive Robotik / Intelligent Autonomous Agents and Cognitive Robotics	EN	Marrone	E-16	EC	CM	6	Y	KL			
	WT	Kommunikationsnetze / Communication Networks	EN	Prof. Timm-Giel	E-4	EC	CM	6	Y	RE			
	WT	Kontinuumsmechanik / Continuum Mechanics	DE	Prof. Cyron	M-15	EC	CM	6	Y	KL			
	WT	Mathematische Bildverarbeitung / Mathematical Image Processing	DE / EN	Prof. Lindner	E-10	EC	CM	6	Y	MP			
	WT	Optik für Ingenieure / Optics for Engineers	EN	Prof. Kern	M-4	EC	CM	6	Y	MP	Y	FFST	0
	ST	Ausgewählte Themen der Schwingungslehre / Advanced Topics in Vibration	DE / EN	Prof. Hoffmann	M-14	EC	CM	6	Y	KL			
	ST	Compiler für Eingebettete Systeme / Compilers for Embedded Systems	DE / EN	Prof. Falk	E-13	EC	CM	6	Y	MP			
	ST	EMV I: Kopplungen, Gegenmaßnahmen und Prüfverfahren / EMC I: Coupling Mechanisms, Countermeasures and Test Procedures	DE / EN	Prof. Schuster	E-18	EC	CM	6	Y	MP	Y	RE	0
	ST	Flugregelung: Entwurf und Anwendung / Flight Control Law Design and Application	EN	Prof. Thielecke	M-7	EC	CM	6	Y	KL	Y	TE	0
	ST	High-Order FEM / High-Order FEM	EN	Prof. Düster	M-10	EC	CM	6	Y	KL	N	RE	10
	ST	Informationstheorie und Codierung / Information Theory and Coding	EN	Prof. Bauch	E-8	EC	CM	6	Y	KL			
	ST	Labor Cyber-Physical Systems / Lab Cyber-Physical Systems	DE / EN	Prof. Falk	E-13	EC	CM	6	Y	SA			

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	ST	Maschinelles Lernen und Data Mining / Machine Learning and Data Mining	EN	NN	E-16	EC	CM	6	Y	KL			
	ST	Numerische Strukturdynamik / Computational Structural Dynamics	DE	Prof. Düster	M-10	EC	CM	6	Y	KL			
	ST	Software für Eingebettete Systeme / Software for Embedded Systems	DE / EN	Prof. Renner	E-24	EC	CM	6	Y	KL	N	TE	10

Explanation:
[1]C=Compulsory, EC=Elective Compulsory
[2]CM=Compulsory Defined Module, OM=Optional Defined Module
[3]KL=Written exam, SA=Written elaboration, FFA=Subject theoretical and practical work, FFST=Subject theoretical and practical work, MP=Oral exam, RE=Presentation, TE=Attestation
[4]CP=Credit Points
[5]VL=Lecture, GÜ=Recitation Section (small), PBL=Project-/problem-based Learning, PR=Practical Course, HÜ=Recitation Section (large)
[6]DE=German, EN=English, DE/EN=German and English
[7]SWS=Contact hours