TUHH
Hamburg University of Technology

Consolidated Version
for Study Cohort from winter term 15/16
gem. SDA-Beschluss vom: 19.09.2018

Supplement to Course Scheme Master Mechatronics (IMPMEC)

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	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	Soft-Computing - Einführung in Maschinenlernen / Soft Computing - Introduction to Machine Learning	DE / EN	Prof. Zimmermann	E-13	EC	CM	6	Y	MP			
	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	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	DE / 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			
	ST	Maschinelles Lernen und Data Mining / Machine Learning and Data Mining	EN	NN	E-16	EC	CM	6	Y	KL			

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	ST	Mustererkennung und Datenkompression / Pattern Recognition and Data Compression	EN	Prof. Grigat	E-2	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-EXK2	EC	CM	6	Y	KL			

Explanation:

[1]C=Compulsory, EC=Elective Compulsory
[2]CM=Compulsory Defined Module, OM=Optional Defined Module
[3]KL=Written exam, SA=Written elaboration, MP=Oral exam, RE=Presentation
[4]CP=Credit Points
[5]VL=Lecture, UE=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