

## Supplement to Course Scheme Master Mechatronics (IMPMEC)

Re com. Term	Module Name (German / English)	Module					Examination				Course Work		
		Language	Module Responsibility	Institute	C/EC (1)	CM/OM (2)	CP (4)	Grade	Examination Form(3)	Compulsory	Course Work Type	Bonus (in %)	
<b>Technical Complementary Course</b> Compulsory Courses: 0 LP Optional Courses: 6 LP													
-1	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	
-1	Intelligente Autonome Agenten und kognitive Robotik / Intelligent Autonomous Agents and Cognitive Robotics	EN	Marrone	E-16	EC	CM	6	Y	KL				
-1	Kommunikationsnetze / Communication Networks	EN	Prof. Timm-Giel	E-4	EC	CM	6	Y	RE				
-1	Kontinuumsmechanik / Continuum Mechanics	DE / EN	Prof. Cyron	M-15	EC	CM	6	Y	KL				
-1	Mathematische Bildverarbeitung / Mathematical Image Processing	DE / EN	Prof. Lindner	E-10	EC	CM	6	Y	MP				
-2	Ausgewählte Themen der Schwingungslehre / Advanced Topics in Vibration	DE / EN	Prof. Hoffmann	M-14	EC	CM	6	Y	KL				
-2	Compiler für Eingebettete Systeme / Compilers for Embedded Systems	DE / EN	Prof. Falk	E-13	EC	CM	6	Y	MP				
-2	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	
-2	High-Order FEM / High-Order FEM	EN	Prof. Düster	M-10	EC	CM	6	Y	KL	N	RE	10	
-2	Informationstheorie und Codierung / Information Theory and Coding	DE / EN	Prof. Bauch	E-8	EC	CM	6	Y	KL				
-2	Labor Cyber-Physical Systems / Lab Cyber-Physical Systems	DE / EN	Prof. Falk	E-13	EC	CM	6	Y	SA				
-2	Numerische Strukturdynamik / Computational Structural Dynamics	DE	Prof. Düster	M-10	EC	CM	6	Y	KL				
-2	Software für Eingebettete Systeme / Software for Embedded Systems	DE / EN	Prof. Turau	E-17	EC	CM	6	Y	KL				

### Explanation:

<sup>1</sup>C=Compulsory, EC=Elective Compulsory

<sup>2</sup>CM=Compulsory Defined Module, OM=Optional Defined Module

<sup>3</sup>KL=Written exam, SA=Written elaboration, MP=Oral exam, RE=Presentation

<sup>4</sup>CP=Credit Points

<sup>5</sup>VL=Lecture, UE=Recitation Section (small), PBL=Project/problem-based Learning, PR=Practical Course, HÜ=Recitation Section (large)

<sup>6</sup>DE=German, EN=English, DE/EN=German and English

<sup>7</sup>SWS=Contact hours