

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.

Re-com. Term	Module						Examination			Course Work		
	Module Name (German / English)	Language	ModuleResponsability	Institute	C/EC (1)	CM/OM (2)	CP (4)	Grade	Examination Form(3)	Compulsory	Course Work Type	Bonus (in %)
Technical Complementary Course Compulsory Courses: 0 LP Optional Courses: 6 LP												
WT	Ausgewählte Themen der Produktionstechnik / Advanced Topics in Production Engineering	DE / EN	Dr. Gomse	M-23	EC	CM	6	Y	FFA			
WT	EMV II: Signalintegrität und Spannungsversorgung elektronischer Systeme / EMC II: Signal Integrity and Power Supply of Electronic Systems	EN	Prof. Schuster	E-18	EC	CM	6	Y	MP	Y	RE	0
WT	Matrixalgorithmen / Matrix Algorithms	EN	Dr. Zemke	E-10	EC	CM	6	Y	MP			
WT	Nichtlineare Strukturanalyse / Nonlinear Structural Analysis	EN	Prof. Düster	M-10	EC	CM	6	Y	KL			
ST	EMV I: Kopplungen, Gegenmaßnahmen und Prüfverfahren / EMC I: Coupling Mechanisms, Countermeasures and Test Procedures	EN	Prof. Schuster	E-18	EC	CM	6	Y	MP	Y	RE	0
ST	Entwurfsoptimierung und probabilistische Verfahren in der Strukturmechanik / Design optimization and probabilistic approaches in structural analysis	DE	Prof. Kriegesmann	M-24	EC	CM	6	Y	SA			
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	Numerische Strukturmechanik / Computational Structural Dynamics	EN	Prof. Düster	M-10	EC	CM	6	Y	KL			
ST	Smart Monitoring / Smart Monitoring	EN	Prof. Smarsly	B-1	EC	CM	6	Y	SA			

Explanation:

¹C=Compulsory, EC=Elective Compulsory

²CM=Compulsory Defined Module, OM=Optional Defined Module

³KL=Written exam, SA=Written elaboration, FFA=Subject theoretical and practical work, MP=Oral exam, RE=Presentation

⁴CP=Credit Points

⁵VL=Lecture, GÜ=Recitation Section (small), PBL=Project-/problem-based Learning, PR=Practical Course, HÜ=Recitation Section (large), IV=Integrated Lecture

⁶DE=German, EN=English, DE/EN=German and English

⁷SWS=Contact hours