Master of Science (M.Sc.) MME-CAME I Management and Engineering in Computer Aided Mechanical Engineering

Track: Digital Engineering

1 st Semester	2 nd Semester	3 rd Semester	4 th Semester
4 CP Advanced Control Systems	5 CP Embedded Systems	5 CP Production Management A	30 CP Master's Thesis
5 CP Computational Intelligence in Engineering	5 CP International Factory Planning	5 CP Finance & Accounting]
5 CP Management and Engineering Perspectives	5 CP Manufacturing Technology II	5 CP Financial Managemer	nt
6 CP Quality Management	5 CP Advanced Finite Element Methods	5 CP Human Resource Management	
2 CP Language Course	5 CP Artificial Inteligence and Data Analytics for Engineering	5 CP International Business	5
8 CP Compulsory Elective Courses X	5 CP Marketing Managemen	t 5 CP Strategic Managemer	nt
	5 CP Compulsory Elective Courses X	_	
Engineering Mana	gement 📃 Language Skills	Ι	I

🔀 Compulsory Elective Courses

Winter Semester

Additive Manufacturing I – Technologies and Processes		
Artificial Neural Networks in Structural Mechanics		
Fundamentals of Lightweight Design		
Laser Applications	6 CP	
Linear Control Systems	3 CP	
Machine Tools	5 CP	
Mechatronics and Control Techniques for Production Plants	5 CP	
Tensor Algebra and Tensor Analysis for Engineering Students I	5 CP	

Summer Semester

Digital Work: Challenges and Solutions	5 CP
Intelligent Monitoring of Engineering Systems	5 CP
Mechanics of Engineering Materials	5 CP
Multibody Dynamics	5 CP

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