13.132. Quantum Machine Learning - M-ETIT-105889	301
13.133. Quellencodierung - M-ETIT-105273	
13.134. Regelung leistungselektronischer Systeme - M-ETIT-105915	
13.135. Regelung linearer Mehrgrößensysteme - M-ETIT-100374	
13.136. Roboterpraktikum - M-INFO-102522	
13.137. Robotik l - Einführung in die Robotik - M-INFO-100893	
13.138. Robotik II - Humanoide Robotik - M-INFO-102756	
13.139. Satellitengeodäsie für Ingenieure - M-BGU-104571	309
13.140. Schaltungstechnik in der Industrieelektronik - M-ETIT-100399	
13.141. Seminar Ausgewählte Kapitel der Nachrichtentechnik - M-ETIT-100441	
13.142. Seminar Barrierefreiheit - Assistive Technologien für Sehgeschädigte - M-INFO-102374	
13.143. Seminar Batterien II - M-ETIT-105321	
13.144. Seminar Brennstoffzellen II - M-ETIT-105322	315
13.145. Seminar Eingebettete Systeme - M-ETIT-100455	316
13.146. Seminar Elektrokatalyse - M-ETIT-105629	317
13.147. Seminar Neue Komponenten und Systeme der Leistungselektronik - M-ETIT-100396	318
13.148. Seminar Sensorik - M-ETIT-100380	
13.149. Seminar über Quantentechnologische Detektoren und Sensoren - M-ETIT-105607	321
13.150. Sensoren - M-ETIT-100378	
13.151. Sichere Mensch-Roboter-Kollaboration - M-INFO-104877	323
13.152. Signalverarbeitung in der Nachrichtentechnik - M-ETIT-100443	325
13.153. Software Engineering - M-ETIT-100450	326
13.154. Steuerungstechnik - M-MACH-105348	
13.155. Stochastische Informationsverarbeitung - M-INFO-100829	
13.156. Stromrichtersteuerungstechnik - M-ETIT-100400	
13.157. Systemintegration und Kommunikationsstrukturen in Industrie 4.0 und IoT - M-ETIT-106026	330
13.158. Team Project: Sensors and Electronics - M-ETIT-105465	
13.159. Technische Akustik - M-ETIT-101835	333
13.160. Technische Optik - M-ETIT-100538	334
13.161. Telematik - M-INFO-100801	336
13.162. Test eingebetteter Systeme im industriellen Umfeld - M-ETIT-100546	
13.163. Theoretische Grundlagen der Kryptographie - M-INFO-105584	
13.164. Thermische Solarenergie - M-MACH-102388	
13.165. Überfachliche Qualifikationen - M-ETIT-105803	
13.166. Ultraschall-Bildgebung - M-ETIT-100560	
13.167. Universal Composability in der Kryptographie - M-INFO-105783	
13.168. Vakuumtechnik - M-CIWVT-104478	
13.169. Verifizierte numerische Methoden - M-ETIT-104493	
13.170. Verteilte ereignisdiskrete Systeme - M-ETIT-100361	
13.171. Visuelle Wahrnehmung im KFZ - M-ETIT-100497	
13.172. Werkzeugmaschinen und Handhabungstechnik - M-MACH-101286	
13.173. Wissenschaftliches Programmieren für Ingenieure - M-MACH-105369	
13.174. Workshop Finite Elemente Methode in der Elektromagnetik - M-ETIT-100555	
EN Modules in English	
14.1. Adaptive Optics - M-ETIT-103802	353
14.2. Advanced Artificial Intelligence - M-INFO-106299	
14.3. Automotive Vision - M-MACH-102693	356
14.4. Business Innovation in Optics and Photonics - M-ETIT-101834	358
14.5. Channel Coding: Algebraic Methods for Communications and Storage - M-ETIT-105616	
14.6. Channel Coding: Graph-Based Codes - M-ETIT-105617	
14.7. Communication Systems and Protocols - M-ETIT-100539	
14.8. Communications Engineering II - M-ETIT-105274	
14.9. Computational Imaging - M-INFO-106190	
14.10. Cryogenic Engineering - M-CIWVT-104356	
14.11. Cyber Physical Production Systems - M-ETIT-106039	
14.12. Deep Learning for Computer Vision I: Basics - M-INFO-105753	
14.13. Deep Learning for Computer Vision II: Advanced Topics - M-INFO-105755	
14.14. Digital Hardware Design Laboratory - M-ETIT-102266	
14.15. Digital Signal Processing in Optical Communications – with Practical Exercises - M-ETIT-103450	
14.16. Digital Twin Engineering - M-ETIT-106040	372

14.

14.17. Electric Power Generation and Power Grid - M-ETIT-101917	
14.18. Electric Power Transmission & Grid Control - M-ETIT-105394	
14.19. Electrocatalysis - M-ETIT-105883	
14.20. Electromagnetics and Numerical Calculation of Fields - M-ETIT-100386	
14.21. Energy Storage and Network Integration - M-ETIT-101969	
14.22. Energy Systems Analysis - M-WIWI-100499	
14.23. Fabrication and Characterisation of Optoelectronic Devices - M-ETIT-101919	
14.24. Field Propagation and Coherence - M-ETIT-100566	
14.25. Hardware Modeling and Simulation - M-ETIT-100449	
14.26. Information Processing in Sensor Networks - M-INFO-100895	
14.27. Interdisciplinary Qualifications - M-ETIT-105803	388388
14.29. Lab Course on Nanoelectronics - M-ETIT-100468	
14.30. Lab Course on Noise Thermometry - M-ETIT-106263	
14.31. Lab course on superconducting materials - M-ETIT-105614	
14.32. Lab Course on Superconducting Quantum Electronics - M-ETIT-105605	
14.33. Laboratory Lighting Technology - M-ETIT-102356	
14.34. Laboratory Modern Software Tools in Power Engineering - M-ETIT-105402	
14.35. Laboratory Nanotechnology - M-ETIT-100478	
14.36. Laboratory Optoelectronics - M-ETIT-100477	397
14.37. Laboratory Solar Energy - M-ETIT-102350	
14.38. Laser Metrology - M-ETIT-100434	
14.39. Laser Physics - M-ETIT-100435	
14.40. Liberalised Power Markets - M-WIWI-105403	
14.41. Light and Display Engineering - M-ETIT-100512	405
14.42. Lighting Design - Theory and Applications - M-ETIT-100577	
14.43. Machine Learning and Optimization in Communications - M-ETIT-104988	409
14.44. Machine Vision - M-MACH-101923	410
14.45. Measurement Technology - M-ETIT-105982	
14.46. Microwave Engineering - M-ETIT-100535	
14.47. Mixed-Signal IC Design - M-ETIT-105893	
14.48. MMIC Design Laboratory - M-ETIT-105464	
14.49. Mobile Communications - M-ETIT-105971	
14.50. Mobile Communications II - M-ETIT-106244	
14.51. Modeling and Simulation - M-MACH-102592	
14.52. Modern Radio Systems Engineering - M-ETIT-100427	
14.53. Nano- and Quantum Electronics - M-ETIT-105604	
14.54. Navigation and Localization Techniques - M-ETIT-105881	
14.55. NMR Methods for Product and Process Analysis - M-CIWVT-105890 14.56. Nonlinear Optics - M-ETIT-100430	
14.57. Numerical Methods - M-MATH-105831	
14.58. Optical Design Lab - M-ETIT-100464	
14.59. Optical Engineering - M-ETIT-100456	
14.60. Optical Networks and Systems - M-ETIT-103270	
14.61. Optical Systems in Medicine and Life Science - M-ETIT-103252	
14.62. Optical Transmitters and Receivers - M-ETIT-100436	
14.63. Optical Waveguides and Fibers - M-ETIT-100506	
14.64. Optimization of Dynamic Systems - M-ETIT-100531	
14.65. Optoelectronic Components - M-ETIT-100509	
14.66. Photonic Integrated Circuit Design and Applications - M-ETIT-105914	
14.67. Photonics and Communications Lab - M-ETIT-104485	
14.68. Physical and Data-Based Modelling - M-ETIT-105468	448
14.69. Physical Foundations of Cryogenics - M-CIWVT-103068	
14.70. Physics, Technology and Applications of Thin Films - M-ETIT-105608	
14.71. Plastic Electronics / Polymerelectronics - M-ETIT-100475	
14.72. Power Electronics - M-ETIT-104567	
14.73. Practical Course: Smart Energy System Lab - M-INFO-105955	
14.74. Pulsed Power Technology and Applications (Lectrure) - M-ETIT-105595	
14.75. Pulsed Power Technology and Applications (Tutorial) - M-ETIT-105596	
14.76. Quantum Detectors and Sensors - M-ETIT-105606	458

	14.77. Radar Systems Engineering - M-ETIT-100420	459
	14.78. Radiation Protection - M-ETIT-100562	
	14.79. Radio Frequency Integrated Circuits and Systems - M-ETIT-105123	462
	14.80. Radio-Frequency Electronics - M-ETIT-105124	463
	14.81. Renewable Energy-Resources, Technologies and Economics - M-WIWI-100500	464
	14.82. Robotics - Practical Course - M-INFO-102522	465
	14.83. Robotics I - Introduction to Robotics - M-INFO-100893	
	14.84. Robotics II - Humanoid Robotics - M-INFO-102756	467
	14.85. Robotics III - Sensors and Perception in Robotics - M-INFO-104897	468
	14.86. Satellite Communications - M-ETIT-105272	
	14.87. Seminar Battery II - M-ETIT-105321	
	14.88. Seminar Fuel Cell II - M-ETIT-105322	
	14.89. Seminar Novel Concepts for Solar Energy Harvesting - M-ETIT-103447	
	14.90. Seminar on Applied Superconductivity - M-ETIT-105615	
	14.91. Seminar Radar and Communication Systems - M-ETIT-100428	
	14.92. Single-Photon Detectors - M-ETIT-101971	
	14.93. Solar Energy - M-ETIT-100524	
	14.94. Space-Born Microwave Radiometry - Advanced Methods and Applications - M-ETIT-100545	
	14.95. Spaceborne Radar Remote Sensing - M-ETIT-103042	
	14.96. Student Innovation Lab - M-ETIT-105073	
	14.97. Superconducting Magnet Technology and Power Systems - M-ETIT-105705	
	14.98. Superconducting Materials - M-ETIT-105521	
	14.99. Superconducting Materials - M-E111-105021	
	14.100. Superconductivity for Engineers - M-ETIT-105611	
	14.101. Systems and Software Engineering - M-ETIT-100537	
	14.102. Systems Engineering for Automotive Electronics - M-ETIT-100462	
	14.103. Wearable Robotic Technologies - M-INFO-103294	
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15.	DE/EN Teilleistungen/Courses	
	15.1. Adaptive Optics - T-ETIT-107644	
	15.2. Aktuelle Themen der Solarenergie - T-ETIT-100780	
	15.3. Angewandte Informationstheorie - T-ETIT-100748	
	15.4. Antennen und Mehrantennensysteme - T-ETIT-106491	
	15.5. Anziehbare Robotertechnologien - T-INFO-106557	
	15.6. Aufbau- und Verbindungstechnik für leistungselektronische Systeme - T-ETIT-104518	
	15.7. Authentisierung und Verschlüsselung - T-INFO-110824	
	15.8. Batterie- und Brennstoffzellensysteme - T-ETIT-100704	
	15.9. Batterien und Brennstoffzellen - T-ETIT-100983	
	15.10. Bildgebende Verfahren in der Medizin I - T-ETIT-101930	
	15.11. Bildgebende Verfahren in der Medizin II - T-ETIT-101931	
	15.12. Bildverarbeitung - T-ETIT-105566	
	15.13. Bioelektrische Signale - T-ETIT-101956	
	15.14. Biologisch Motivierte Robotersysteme - T-INFO-101351	
	15.15. Biomedizinische Messtechnik I - T-ETIT-106492	
	15.16. Biomedizinische Messtechnik II - T-ETIT-106973	
	15.17. BioMEMS - Mikrosystemtechnik für Life-Sciences und Medizin I - T-MACH-100966	
	15.18. BioMEMS - Mikrosystemtechnik für Life-Sciences und Medizin II - T-MACH-100967	
	15.19. BioMEMS - Mikrosystemtechnik für Life-Sciences und Medizin III - T-MACH-100968	
	15.20. Business Innovation in Optics and Photonics - T-ETIT-104572	
	15.21. Channel Coding: Algebraic Methods for Communications and Storage - T-ETIT-111244	
	15.22. Channel Coding: Graph-Based Codes - T-ETIT-111245	
	15.23. Communication Systems and Protocols - T-ETIT-101938	
	15.24. Computational Imaging - T-INFO-112573	
	15.25. Computational Intelligence - T-MACH-105314	
	15.26. Cryogenic Engineering - T-CIWVT-108915	
	15.27. Cyber Physical Production Systems - T-ETIT-112223	
	15.28. Das Arbeitsfeld des Ingenieurs - T-MACH-105721	
	15.29. Data Science I - T-INFO-111622	
	15.30. Data Science II - T-INFO-111626	523
	15.31. Deep Learning für Computer Vision I: Grundlagen - T-INFO-111491	524
	15.32. Deep Learning für Computer Vision II: Fortgeschrittene Themen - T-INFO-111494	525