

KIT Department of Mechanical Engineering: Alphabetic English Course List (as of March 2025)											
Course Number	Brick Number	BSc	MSc	Component Title	Type	Term	ECTS	One Step Application for Exams	Lecturer	Link Institute	
				*All courses marked in this color can have English as language of instruction, if there are any students who do not speak German. The rest is always in English.							
				TBC - the semester in which the course is offered is irregular							
2313724	T-ETIT-107644		M	Adaptive Optics	Lecture (V)	W	3		Gladysz, Lemmer	https://www.lti.kit.edu	
2123380	T-MACH-105312		M	Advanced CATIA (D/E)	Project (PRO)	S/W	4	x	Jivka Ovtcharova	https://www.imi.kit.edu/	
2153470	T-MACH-111390		M	Advanced CFD with OpenFOAM	Lecture (V)	W	4		Nima Samkhaniani	https://www.istm.kit.edu/	
2182616	T-MACH-110929	B	M	Applied Materials Simulation + Exercises	Lecture/Tutorial (V/Ü)	S	4 + 2		Gumbsch, Schneider	https://www.iam.kit.edu/cms	
2181740	T-MACH-105308	B	M	Atomistic Simulations and Particle Dynamics	Lecture/Tutorial (V/Ü)	S	4	x	Weygand, Gumbsch, Schne	https://www.iam.kit.edu/cms	
2113809	T-MACH-100092	B	M	Automotive Engineering I	Lecture (V)	W	8	x	Gauterin, Gießler	https://www.fast.kit.edu/lff	
2114855	T-MACH-102117	B	M	Automotive Engineering II	Lecture (V)	S	4	x	Gauterin, Gießler	https://www.fast.kit.edu/lff	
2138340	T-MACH-105218	B	M	Automotive Vision	Lecture (V)	S	6	x	Lauer, Stiller	https://www.mrt.kit.edu	
7148	T-CHEMBIO-105199		M	Basic Molecular Cell Biology	Lecture (V)	S	2		Franco Weth	https://www.chem-bio.kit.edu/	
3137020	T-MACH-104745	B		Basics in Measurement and Control Systems	Lecture/Tutorial (V/Ü)	W	7	x	Cristoph Stiller	https://www.mrt.kit.edu/	
2122303	T-MACH-109933		M	Business Administration for Engineers and IT professionals (D/E)	Seminar (S)	S/W	4	x	Heinz-Peter Sebregondi	https://www.imi.kit.edu/	
2545109	T-WIWI-102865		M	Business Planning for Founders	Seminar (S)	TBC	3		Orestis Terzidis	https://www.iip.kit.edu	
2123357	T-MACH-102187	B	M	CAD-NX Training Course (D/E)	Lab (P)	S/W	2	x	Jivka Ovtcharova	https://www.imi.kit.edu/	
2123358	T-MACH-102185	B	M	CATIA CAD Training Course	Lab (P)	S/W	2	x	Jivka Ovtcharova	https://www.imi.kit.edu/	
2130910	T-MACH-105407		M	CFD for Power Engineering	Lecture (V)	S	4	x	Ivan Otic	https://www.mach.kit.edu	
2310546	T-ETIT-111244		M	Channel Coding: Algebraic Methods for Communications and Storage	Lecture (V)	S	3		Laurent Schmalen	https://www.itiv.kit.edu	
	T-MACH-105410		M	Coal Fired Power Plants (Kohlekraftwerkstechnik)	Lecture (V)	W	4	x	Thomas Schulenberg	https://www.mach.kit.edu	
2170490	T-MACH-105444		M	Combined Cycle Power Plants	Lecture (V)	S	4	x	Thomas Schulenberg	https://www.iket.kit.edu	
2311616	T-ETIT-101938		M	Communication Systems and Protocols	Lecture/Tutorial (V/Ü)	S	5		Becker, Becker	https://www.itiv.kit.edu	
4023161	T-PHYS-109895		M	Computational Condensed Matter Physics	Lecture/Tutorial (V/Ü)	TBC	12		Wolfgang Wenzel	https://www.physik.kit.edu	
4023021	T-PHYS-103633		M	Computational Photonics, with ext. Exercises	Lecture/Tutorial (V/Ü)	TBC	8		Carsten Rockstuhl	https://www.physik.kit.edu	
4023021	T-PHYS-106131		M	Computational Photonics, without ext. Exercises	Lecture (V)	TBC	6		Carsten Rockstuhl	https://www.physik.kit.edu	
2169556	T-MACH-111193		M	Data Driven Engineering 1: Machine Learning for Dynamical Systems	Lecture (V)	W	4		Hans-Jörg Bauer	https://www.its.kit.edu	
2170486	T-MACH-111373		M	Data Driven Engineering 2: Advanced Topics	Lecture (V)	S	4		Hans-Jörg Bauer	https://www.its.kit.edu	
2113840	T-MACH-112126	B	M	Data-Driven Algorithms in Vehicle Technology	Lecture(V)	W	4		Stefan Scheubner	https://www.fast.kit.edu/lff	
22527	T-CIWWT-110571		M	Design of a Jet Engine Combustion Chamber	Project/Seminar (PJ/S)	W	6	x	Stefan Harth	https://www.ebi.kit.edu/	
2545008	T-WIWI-102866		M	Design Thinking (Track 1)	Seminar (S)	TBC	3		Orestis Terzidis	https://www.wivi.kit.edu/	

2121002	T-MACH-111283	B		Development Methods of Technical Systems	Project	S/W	4		Ovtcharova, Maier	https://www.imi.kit.edu/
2149702	T-MACH-113647		M	Digitalization from Product Concept to Production	Lecture (V)	W	4		Marc Wawerla	https://www.wbk.kit.edu
2400006	T-INFO-110819		M	Edge-AI in Software and Sensor Applications	Lecture (V)	S/W	4		Victor Pankratius	https://www.informatik.kit.edu/
2307376	T-ETIT-110883		M	Electric Power Transmission & Grid Control	Lecture (V)	S	6	x	Thomas Leibfried	https://www.ieh.kit.edu/
2306350	T-ETIT-108386	B		Electrical Engineering and Electronics for Mechanical Engineers	Lecture/Tutorial (V/Ü)	W	8	x	Giovanni De Carne	https://www.ihe.kit.edu
2305263	T-ETIT-100640		M	Electromagnetics and Numerical Calculation of Fields	Lecture/Tutorial (V/Ü)	W	4		Thomas Zwick	https://www.ibt.kit.edu
2189487	T-MACH-105952		M	Energy Storage and Grid Integration	Lecture/Tutorial (V/Ü)	W	4	x	Ferdinand Schmidt	https://www.etit.kit.edu/
2153446	T-MACH-112755		M	Energy Topology and Resilience	Lecture(V)	S	4		Sadeeb Simon Ottenburger	https://www.ites.kit.edu/
2193008	T-MACH-112691		M	Engineering Materials for the Energy Transition	Lecture(V)	S	4		Franke, Seifert	https://www.iam.kit.edu
2545001	T-WIWI-102864		M	Entrepreneurship	Lecture (V)	S/W	3	x	Orestis Terzidis	https://etm.entechnon.kit.edu
2194721	T-MACH-110924	B	M	Exercises for Fundamentals in Materials Thermodynamics and Heterogeneous Equilibria	Practice	S	2		Hans Jürgen Seifert	https://www.iam.kit.edu
2194723	T-MACH-110926	B	M	Exercises for Solid State Reactions and Kinetics of Phase Transformations, Corrosion	Practice	S	2		Bronislava Gorr	https://www.iam.kit.edu
2177021	T-MACH-110930	B	M	Exercises in Microstructure-Property-Relationships	Practice	W	2	x	Kirchlechner, Gruber	https://www.iam.kit.edu/wbm
2153530	T-MACH-105512		M	Experimental Fluid Mechanics	Lecture (V)	S/W	4	x	Jochen Kriegseis	https://www.istm.kit.edu
2313760	T-ETIT-103613		M	Fabrication and Characterisation of Optoelectronic Devices	Lecture (V)	S	3		Bryce Sydney Richards	https://www.informatik.kit.edu
2309466	T-ETIT-100976		M	Field Propagation and Coherence	Lecture/Tutorial (V/Ü)	W	4		Wolfgang Freude	https://www.etit.kit.edu
2530205	T-WIWI-102900		M	Financial Analysis	Lecture/Tutorial (V/Ü)	S	4,5	x	Torsten Luedecke	https://www.wiwi.kit.edu/
2189907	T-MACH-105529		M	Flow and heat transfer in nuclear reactors	Lecture(V)	W	4	x	Xu Cheng	https://www.iatf.kit.edu/
2155425	T-MACH-108796		M	Flow Measurement Techniques (D/E)	Practice	S/W	4		Jochen Kriegseis	https://www.istm.kit.edu/
2153406	T-MACH-105422		M	Flows with Chemical Reactions (D/E)	Lecture (V)	W	4	x	Andreas Class	https://www.ites.kit.edu/
6221806	T-BGU-110841		M	Fluid Mechanics of Turbulent Flows	Lecture/Tutorial (V/Ü)	S/W	6	x	Markus Uhlmann	https://www.iket.kit.edu
2194720	T-MACH-110925	B	M	Fundamentals in Materials Thermodynamics and Heterogeneous Equilibria	Lecture (V)	S	4		Hans Jürgen Seifert	https://www.iam.kit.edu
3165016	T-MACH-105213	B	M	Fundamentals of Combustion I	Lecture/Tutorial (V/Ü)	W	4	x	Ulrich Maas	https://www.itk.kit.edu/
3166550	T-MACH-105325	B	M	Fundamentals of Combustion II	Lecture (V)	S	4		Maas, Bykov	https://www.itk.kit.edu/
3190923	T-MACH-105220	B	M	Fundamentals of Energy Technology	Lecture (V)	S	8	x	Cheng, Badea	https://www.iatf.kit.edu/
4044021	T-PHYS-103630		M	Fundamentals of Optics and Photonics	Lecture/Tutorial (V/Ü)	W	0		David Hunger	https://www.bgu.kit.edu
2190465	T-MACH-105530		M	Fundamentals of Reactor Safety for the Operation and Dismantling of Nuclear Power Plants	Block-Lecture (BV)	W	4	x	Victor Hugo Sanchez-Espinoza	https://www.iatf.kit.edu/
3118095	T-MACH-105379	B		Global Logistics	Lecture (V)	S	4	x	Kai Furmans	https://www.ifl.kit.edu/
2311608	T-ETIT-100672		M	Hardware Modeling and Simulation	Lecture/Tutorial (V/Ü)	W	4		Becker, Becker	https://www.itiv.kit.edu
2174605	T-MACH-105459		M	High Temperature Materials	Lecture (V)	W	4	x	Martin Heilmair	https://www.iam.kit.edu/wk
2189405	T-MACH-112238		M	Holistic approach of managing power plant operation under uncertainty and volatility	Lecture(V)	S/W	4	x	Marcus Seidl	https://www.iatf.kit.edu/
24890	T-INFO-105142		M	Humanoid Robotics Laboratory	Practice	W	3		Tamim Asfour	https://www.informatik.kit.edu/

2154437	T-MACH-105425		M	Hydrodynamic Stability: From Order to Chaos (D/E)	Lecture(V)	S	4		Andreas Class	https://www.ites.kit.edu
2173584	T-MACH-112159		M	Hydrogen in Materials – Exercises and Lab Course	Practice	S	4	x	Stefan Wagner	https://www.iam.kit.edu/wk
2173588	T-MACH-110923		M	Hydrogen in Materials: from Energy Storage to Hydrogen Embrittlement	Lecture(V)	S	4	x	Astrid Pundt	https://www.iam.kit.edu/wk/
2122014	T-MACH-102209	B	M	Information Engineering (D/E)	Seminar (S)	S/W	3		Meyer, Ovtcharova	https://www.imi.kit.edu/
24102	T-INFO-101466		M	Information Processing in Sensor Networks (D/E)	Lecture(V)	W	6		Uwe Hanebeck	https://ies.anthropomatik.kit.edu/ifa.php
2303192	T-ETIT-110291		M	Innovation Lab	Projekt (PRO)	W	9		Hohmann, Zwick, Stork, Sax	https://www.etit.kit.edu
2169466	T-MACH-109185		M	Innovative Projekt	Project/Seminar (PJ/S)	W	6	x	Class, Terzidis	https://www.ites.kit.edu
2150600	T-MACH-110334		M	International Production Engineering A (D/E)	Lecture(V)	S	4		Jürgen Fleischer	https://www.wbk.kit.edu
2149620	T-MACH-110335		M	International Production Engineering B (D/E)	Lecture(V)	W	4		Jürgen Fleischer	https://www.wbk.kit.edu
2141861	T-MACH-105182		M	Introduction to Microsystem Technology I	Lecture (V)	W	4	x	Korvink, Badilita, Jouda	https://www.imt.kit.edu
2142874	T-MACH-105183		M	Introduction to Microsystem Technology II	Lecture (V)	S	4	x	Korvink, Jouda	https://www.imt.kit.edu
2190490	T-MACH-105466		M	Introduction to Neutron Cross Section Theory and Nuclear Data Generation (D/E)	Lecture (V)	S	4	x	Ron Dagan	https://www.iam.kit.edu/awp
2171487	T-MACH-105331		M	Laboratory Exercise in Energy Technology (D/E)	Lab (P)	S/W	4	x	Bauer, Maas, Wirbser	https://www.its.kit.edu/
2193013	T-MACH-106739		M	Laser-assisted methods and their application for energy storage materials (D/E)	Lecture (V)	S/W	4		Wilhelm Pflöging	https://www.iam.kit.edu/awp/
2182642	T-MACH-105164		M	Laser Material Processing	Lecture(V)	S	4	x	Johannes Schneider	https://www.iam.kit.edu
2303200	T-ETIT-100643		M	Laser Metrology	Lecture (V)	S	3		Marc Eichhorn	https://www.etit.kit.edu
2313747	T-ETIT-100644		M	Light and Display Engineering	Lecture/Tutorial (V/Ü)	W	4		Rainer Kling	https://www.imt.kit.edu
2118078	T-MACH-110771		M	Logistics and Supply Chain Management	Lecture (V)	S	9	x	Kai Furmans	https://www.ifl.kit.edu
2161224	T-MACH-105210	B	M	Machine Dynamics (D/E)	Lecture/Tutorial (V/Ü)	S	5	x	Carsten Proppe	https://www.itm.kit.edu
2162220	T-MACH-105224	B	M	Machine Dynamics II (D/E)	Lecture (V)	S/W	4	x	Carsten Proppe	https://www.itm.kit.edu
2137308	T-MACH-105223	B	M	Machine Vision	Lecture/Tutorial (V/Ü)	W	8	x	Lauer, Stiller	https://www.mrt.kit.edu/
3134140	T-MACH-105208	B		Machines and Processes	Lecture/Tutorial (V/Ü)	S/W	7	x	Bauer, Kubach, Maas, Pritz	https://www.its.kit.edu/
2187000	T-MACH-105232	B		Machines and Processes (Practice) (D/E)	Practice	S/W	0	x	Bauer, Kubach, Maas, Pritz	https://www.its.kit.edu
2190496	T-MACH-105434		M	Magnet Technology of Fusion Reactors	Lecture (V)	S	4	x	Weiss, Wolf	https://www.iatf.kit.edu/
2153429	T-MACH-105426		M	Magnetohydrodynamics (D/E)	Lecture (V)	W	4	x	Leo Bühler	https://www.ites.kit.edu/
2579900	T-WIWI-102800	B	M	Management Accounting 1	Lecture/Tutorial (V/Ü)	S	4,5	x	Marcus Wouters	https://www.wiwi.kit.edu/
2173431	T-MACH-110946	B	M	Materials Characterization	Lecture (V)	W	4	x	Schneider, Gibmeier	https://www.iam.kit.edu
2154540	T-MACH-105295	B	M	Mathematical Methods in Fluid Mechanics	Lecture/Tutorial (V/Ü)	S	6	x	Bettina Frohnappfel	https://www.istm.kit.edu
2117059	T-MACH-105189		M	Mathematical Models and Methods for Production Systems	Lecture (V)	W	6	x	Furmans, Baumann	https://www.ifl.kit.edu/
2138328	T-MACH-105300		M	Measurement Instrumentation Lab (D/E)	Practice	S	4	x	Klemp, Stiller	https://www.mrt.kit.edu
2302117	T-ETIT-112147		M	Measurement Technology	Lecture/Tutorial (V/Ü)	W	5		Michael Heizmann	https://www.etit.kit.edu
2400077	T-INFO-101294	B		Mechano-Informatics and Robotics (D/E)	Lecture (V)	W	4	x	Tamim Asfour	https://www.informatik.kit.edu/

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2141501	T-MACH-105782		M	Micro Magnetic Resonance	Seminar (S)	W	4	x	Korvink, MacKinnon	https://www.imt.kit.edu
2142897	T-MACH-105557	B	M	Microenergy Technologies	Lecture (V)	S	4	x	Manfred Kohl	https://www.imt.kit.edu
2153451	T-MACH-113144		M	Microscale Fluid Mechanics	Lecture(V)	W	4		Phillipp Marthaler	https://www.ites.kit.edu
2177020	T-MACH-110931	B	M	Microstructure-Property-Relationships	Lecture (V)	S	4	x	Kirchlechner, Gruber	https://www.iam.kit.edu/wbm
2142875	T-MACH-108383		M	Microsystem Simulation (Mikrosystem Simulation)	Lecture/Tutorial (V/Ü)	S	4	x	Jan Gerrit Korvink	https://www.imt.kit.edu
2185227	T-MACH-105297		M	Modeling and Simulation (D/E)	Lecture/Tutorial (V/Ü)	W	7	x	Furmans, Geimer, Kärger, P	https://www.its.kit.edu
6221911	T-BGU-110842		M	Modelling of Turbulent Flows - RANS and LES	Lecture/Tutorial (V/Ü)	S/W	6	x	Markus Uhlmann	https://www.bgu.kit.edu/
4020021	T-PHYS-102282		M	Nano Optics	Lecture (V)	W	8		Andreas Naber	https://www.physik.kit.edu
2182712	T-MACH-102167		M	Nanotribology and Mechanics	Block (B)	S	4		Dienwiebel, Hölscher	https://www.imt.kit.edu
2142551	T-MACH-108407		M	NMR micro probe hardware conception and construction	Practical course	S	4	x	Jan Gerrit Korvink	https://www.imt.kit.edu
2162344	T-MACH-111026		M	Nonlinear Continuum Mechanics	Lecture/Tutorial (V/Ü)	S	3	x	Thomas Böhke	https://www.itm.kit.edu
2189920	T-MACH-110331		M	Nuclear Fusion Technology	Lecture (V)	W	4	x	Aurelian Florin Badea	https://www.iatf.kit.edu
2189921	T-MACH-110332		M	Nuclear Power and Reactor Technology	Lecture (V)	W	4	x	Aurelian Florin Badea	https://www.mach.kit.edu
2170460	T-MACH-105402		M	Nuclear Power Plant Technology	Lecture (V)	S	4	x	Cheng, Badea	https://www.iket.kit.edu
6221702	T-BGU-106758		M	Numerical Fluid Mechanics I	Lecture/Tutorial (V/Ü)	W	6		Markus Uhlmann	https://www.bgu.kit.edu
7700069	T-MATH-111700		M	Numerical Methods - Exam	Lecture(V)	S	5		Wolfgang Reichel	https://www.math.kit.edu/iana/
2130934	T-MACH-105420		M	Numerical Modeling of Multiphase Flows	Lecture (V)	S	4	x	Martin Wörner	https://www.chem-bio.kit.edu
2311629	T-ETIT-100676		M	Optical Engineering	Lecture (V)	W	4		Wilhelm Stork	https://www.etit.kit.edu
2309460	T-ETIT-100639		M	Optical Transmitters and Receivers	Lecture/Tutorial (V/Ü)	W	6		Wolfgang Freude	https://www.etit.kit.edu
2309464	T-ETIT-101945		M	Optical Waveguides and Fibers	Lecture/Tutorial (V/Ü)	W	4		Christian Koos	https://www.etit.kit.edu
2303183	T-ETIT-100685		M	Optimization of Dynamic Systems	Lecture/Tutorial (V/Ü)	W	5		Sören Hohmann	https://www.etit.kit.edu
2309486	T-ETIT-101907		M	Optoelectronic Components	Lecture/Tutorial (V/Ü)	S	4		Sebastian Randel	https://www.etit.kit.edu
2173421	T-MACH-111391		M	Phase Transformations in Materials	Lecture (V)	W	4	x	Heilmaier, Kauffmann	https://www.iam.kit.edu
5000046	T-GEISTSOZ-111509	B		Philosophy of Technology Assessment - Proseminar	Seminar (S)	W	3		Hillerbrand, Frigo	https://www.geistsoz.kit.edu
2189490	T-MACH-111022		M	Physical Measurement Technology (D/E)	Lecture (V)	W	4		Dominique Buchenau	https://www.iatf.kit.edu/
2313709	T-ETIT-100763		M	Plastic Electronics (Polymerelektronik)	Lecture (V)	W	4	x	Ulrich Lemmer	https://www.lti.kit.edu
2173648	T-MACH-110818		M	Plasticity of Metals and Intermetallics	Lecture (V)	S	8	x	Kauffmann, Heilmaier	https://www.iam.kit.edu/wk
2141853	T-MACH-102192		M	Polymers in MEMS A - Chemistry, Synthesis and Applications	Lecture (V)	W	4	x	Bastian Rapp	https://www.imt.kit.edu
2141854	T-MACH-102191		M	Polymers in MEMS B: Physics, Microstructuring and Applications	Lecture (V)	W	4	x	Matthias Worgull	https://www.imt.kit.edu
2142855	T-MACH-102200		M	Polymers in MEMS C - Biopolymers and Bioplastics	Lecture (V)	S	4	x	Worgull, Rapp	https://www.imt.kit.edu
2142856	T-MACH-105556		M	Practical Course Polymers in MEMS	Block (B)	S	2		Worgull, Rapp	https://www.imt.kit.edu
2305272	T-ETIT-100825	B		Radiation Protection	Lecture (V)	S	3		Breustedt, Nahm	https://www.eti.kit.edu
2308503	T-ETIT-110359	B		Radio Frequency Electronics	Lecture (V)	W	5		Ahmet Cagri Ulusoy	https://www.etit.kit.edu
2189465	T-MACH-105405		M	Reactor Safety I: Fundamentals	Lecture (V)	S	4	x	Victor Hugo Sanchez-Espino	https://www.iatf.kit.edu/
2166543	T-MACH-105421		M	Reduction methods for the modeling and the simulation of combustion processes (D/E)	Lecture (V)	S	4	x	Viatcheslav Bykov	https://www.itk.kit.edu/
2581012	T-WIWI-100806		M	Renewable Energy - Resources, Technology and Economics	Lecture (V)	W	4	x	Patrick Jochem	https://www.physik.kit.edu

2400074	T-INFO-105723		M	Robotics II: Humanoid Robotics (D/E)	Lecture (V)	S	3	x	Tamim Asfour	https://www.informatik.kit.edu/
2400067	T-INFO-109931		M	Robotics III - Sensors and Perception in Robotics (D/E)	Lecture (V)	S	3	x	Tamim Asfour	https://www.informatik.kit.edu/
2117072	T-MACH-111401		M	Seamless Engineering - Logistics Robotics Workshop	Lecture/Tutorial (V/Ü)	W	9		Furmans, Sax	https://www.mach.kit.edu
2190411	T-MACH-105462	B	M	Selected Problems of Applied Reactor Physics and Exercises (D/E)	Lecture (V)	S	4	x	Ron Dagan	https://www.iaf.kit.edu/
2183717	T-MACH-107660		M	Seminar "Materials Modelling" (D/E)	Seminar (S)	S/W	8		Nestler, Schutz	https://www.iam.kit.edu
2115009	T-MACH-108692	B	M	Seminar for Rail System Technology (D/E)	Seminar (S)	S/W	3		Martin Cichon	https://www.fast.kit.edu/lff
2313761	T-ETIT-108344		M	Seminar Novel Concepts for Solar Energy Harvesting	Seminar (S)	S	3		Ulrich Wilhelm Paetzold	https://www.etit.kit.edu/
2308432	T-ETIT-100736		M	Seminar Radar- and Communication Systems	Seminar (S)	S	4		Thomas Zwick	https://www.ihe.kit.edu
2400048	T-INFO-105144		M	Seminar: Humanoid Robots	Seminar (S)	W	3		Tamim Asfour	https://www.informatik.kit.edu
2170491	T-MACH-105445		M	Simulator Exercises Combined Cycle Power Plants	Lab (P)	S	2	x	Banuti, Schulenberg	https://www.iket.kit.edu
2312680	T-ETIT-108390		M	Single-Photon-Detectors	Lecture (V)	W	4		Konstantin Ilin	https://www.ims.kit.edu
2313745	T-ETIT-100774		M	Solar Energy	Lecture/Tutorial (V/Ü)	W	6	x	Bryce Sydney Richards	https://www.iti.kit.edu
2189400	T-MACH-106493	B	M	Solar Thermal Energy Systems	Lecture (V)	W	4	x	Ron Dagan	https://www.iaf.kit.edu/
4020011	T-PHYS-104773		M	Solid State Optics, without Exercises	Lecture (V)	W	8		Hetterich	https://www.physik.kit.edu
2194722	T-MACH-110927	B	M	Solid-state Reactions and Kinetics of Phase Transformations, Corrosion	Lecture (V)	W	4		Franke, Seifert	https://www.iam.kit.edu/awp
2312698	T-ETIT-1113440		M	Superconducting Magnet Technology	Lecture/Tutorial (V/Ü)	S	4		Tabea Arndt	https://www.itep.kit.edu/
2312682	T-ETIT-111096		M	Superconducting Materials	Lecture (V)	S/W	6		Bernhard Holzapfel	https://www.etit.kit.edu
2312708	T-ETIT-111239		M	Superconductivity for Engineers	Lecture/Tutorial (V/Ü)	W	5		Holzapfel, Kempf	https://www.ims.kit.edu/
2312704	T-ETIT-110788	B	M	Superconductors for Energy Applications	Lecture/Tutorial (V/Ü)	W	5	x	Francesco Grilli	https://www.iti.kit.edu
2194729	T-MACH-111257		M	Superhard Thin Film Materials	Lecture (V)	S	4		Sven Ulrich	https://www.ite.kit.edu
2311605	T-ETIT-100675		M	Systems and Software Engineering	Lecture (V)	W	5		Eric Sax	https://www.itiv.kit.edu
2311642	T-ETIT-100677		M	Systems Engineering for Automotive Electronics	Lecture/Tutorial (V/Ü)	S	4	x	Jürgen Bortolazzi	https://www.etit.kit.edu/
3165014	T-MACH-104747	B		Technical Thermodynamics and Heat Transfer I	Lecture (V)	W	8		Ulrich Maas	https://www.itk.kit.edu/
3166526	T-MACH-105287	B		Technical Thermodynamics and Heat Transfer II	Lecture (V)	S	7		Ulrich Maas	https://www.itk.kit.edu/
2189904	T-MACH-105456		M	Ten lectures on turbulence	Lecture (V)	W	4	x	Ivan Otic	https://www.iaf.kit.edu
4023151	T-PHYS-105960		M	The ABC of DFT	Lecture/Tutorial (V/Ü)	TBC	6		Rockstuhl, Wenzel	https://www.physik.kit.edu
4023011	T-PHYS-110303		M	Theoretical Quantum Optics	Lecture (V)	TBC	6		Rockstuhl, Metelmann	https://www.physik.kit.edu
2169453	T-MACH-105363	B	M	Thermal Turbomachines 1	Lecture/Tutorial (V/Ü)	W	6	x	Hans-Jörg Bauer	https://www.its.kit.edu
2170553	T-MACH-105364	B	M	Thermal Turbomachines 2	Lecture/Tutorial (V/Ü)	S	6	x	Hans-Jörg Bauer	https://www.its.kit.edu
2193051	T-MACH-111459		M	Thermophysics of Advanced Materials	Lecture (V)	S/W	4		Dmitry Sergeev	https://www.iam.kit.edu
2178123	T-MACH-105554		M	Thin Film and Small Scale Mechanical Behavior	Lecture (V)	S	4	x	Gruber, Weygand, Kirchlechner	https://www.iam.kit.edu/wbm
2173573	T-MACH-112158		M	Thin Films – Preparation, Structure, Thermodynamics	Lecture(V)	W	4		Stefan Wagner	https://www.iam.kit.edu
2312670	T-ETIT-106853		M	Thin films: technology, physics and applications I	Lecture/Tutorial (V/Ü)	W	4		Konstantin Ilin	https://www.etit.kit.edu
2312671	T-ETIT-108121		M	Thin films: technology, physics and applications II	Lecture/Tutorial (V/Ü)	S	3		Konstantin Ilin	https://www.etit.kit.edu
2173432	T-MACH-110945	B	M	Tutorials and Lab Courses for "Materials Characterization"	Practice	W	2	x	Gibmeier, Schneider	https://www.iam.kit.edu
2169470	T-MACH-105406		M	Two-Phase Flow and Heat Transfer (D/E)	Lecture (V)		4	x	Schulenberg, Wörner	https://www.ites.kit.edu/
2190499	T-MACH-108784		M	Vacuum and Tritium Technology in Nuclear Fusion	Block-Lecture	S	4	x	Giegerich, Gröfle	https://www.ims.kit.edu/
3122031	T-MACH-105381	B	M	Virtual Engineering (Specific Topics)	Lecture (V)	S	4	x	Jivka Ovtcharova	https://www.imi.kit.edu/
2121352	T-MACH-102123		M	Virtual Engineering I	Lecture/Tutorial (V/Ü)	W	4	x	Jivka Ovtcharova	https://www.imi.kit.edu/
2122378	T-MACH-102124		M	Virtual Engineering II	Lecture/Tutorial (V/Ü)	S	4	x	Jivka Ovtcharova	https://www.imi.kit.edu/
2123350	T-MACH-106740		M	Virtual Engineering Lab (D/E)	Project	S/W	4		Jivka Ovtcharova	https://www.imi.kit.edu/
2123375	T-MACH-102149	B	M	Virtual Reality Practical Course (D/E)	Project	S/W	4	x	Jivka Ovtcharova	https://www.imi.kit.edu/
4040431	T-PHYS-108322	B		Wave and Quantum Physics	Lecture/Tutorial (V/Ü)	S	5		Pilawa, Goll	https://www.bgu.kit.edu
2400062	T-INFO-106557		M	Wearable Robotics Technologies (D/E)	Lecture(V)	S	4		Asfour, Beigl	https://www.informatik.kit.edu/
2141007	T-MACH-109122		M	X-ray Optics	Lecture (V)	S/W	4		Arndt Last	https://www.imt.kit.edu