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Legende		Sommersemester 2023			
		Standort:		Veranstaltung:	
Wahlpflichtbereich Ia :	Grundlagen	S	Stadtmitte	vl	Vorlesung
Wahlpflichtbereich Ib :	Digitalisierung	L	Lichtwiese	ue	Übung
Wahpflichtbereich II :	Kernlehrveranstaltungen	B	Botanischer Garten	pj	Projektarbeit
Wahlpflichtbereich III :	Wahlfächer aus Natur- und Ingenieurwissenschaft				

Blockveranstaltungen:								
Motorräder			Fahrzeugaerodynamik			Konstruieren von Kunststoffbauteilen		
Fr, 26. Apr. Di, 7. Mai Fr, 7. Juni	10:15 - 17:00	L1|01-407 / digital	Fr, 19. Apr. Fr, 24. Mai Fr, 14. Juni Fr, 28. Juni Fr, 19. Juli	12:35 - 18:35	L1|01-73	Fr, 19. Apr. Fr, 17. Mai Fr, 7. Juni Fr, 21. Juni Fr, 5. Juli	8:15 - 11:30	L1|01-24K

Abweichende Uhrzeiten stehen extra bei der betroffenen Veranstaltungen in der Tabelle

Montag

Zeit				
8:00 - 8:45	Virtuelle Produktentwicklung C L1|01-24K vl	Systemic Evaluation of Air Traffic L3|01-A91 vl		
8:55 - 9:40				
9:50 - 10:35	Höhere Wärmeübertragung L4|02-202 vl	Introduction to Turbulence L1|01-328K vl	Kreislaufwirtschaft und Recycling S3|06-053 vl	Wirtschaftliche Optimierung der Energieversorgung für energieintensive Produktionsbetriebe Digitale Lehre vl
10:45 - 11:30				
11:40 - 12:25	Virtuelle Produktentwicklung B L4|02-201 vl	Energiesysteme II L1|01-24K vl	Werkzeugmaschinen und Roboter L4|02-202 vl	
12:35 - 13:20				
13:30 - 14:15	Fahrassistenzsysteme und automatisiertes Fahren L4|02-202 vl		Work Organization in Intercultural Context L1|01-73 vl (+ ue ?)	Mathematische Methoden in der Strömungsmechanik L1|01-328K vl
14:25 - 15:10				
15:20 - 16:05		Energiesysteme III L1|01-24K vl		Nichtlineare FEA im Leichtbau L4|02-203 vl + ue
16:15 - 17:00	Transport Phenomena L4|02-202 vl			
17:10 - 17:55				
18:05 - 18:50				

Dienstag

Zeit							
8:00 - 8:45	Lightweight Engineering I+II L1|01-24K vl	Manufacturing and load optimized Cast Components L4|02-203 vl					
8:55 - 9:40			Mechanische Trennverfahren S1|05-23 vl				
9:50 - 10:35	Umformtechnik II L1|01-24K vl	Flight Mechanics II: Dynamic L4|02-202 vl		Fluidenergiemaschinen L1|01-73 vl	Dynamics of Interfacial Flows L2|06-403 vl		
10:45 - 11:30							
11:40 - 12:25	Aerodynamics II L1|01-24K vl		Betriebswirtschaft für Ingenieure L4|02-201 vl				
12:35 - 13:20						High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl	
13:30 - 14:15	Modeling of Turbulent Flows L1|01-284K vl	Nano- und Mikrofluidik II L2|06-100 vl + ue	Numerische Methoden der technischen Dynamik 14:00 - 17:15 L1|01-543K vl (+ ue ?)	Dimesioning and Optimization of Vehicle Transmissions 14:00 - 15:30 "Inverted Classroom" vl	Verbindungstechnik S4|02-101 vl		Weiterführende Methoden der Strömungssimulation S4|10-1 vl
14:25 - 15:10							
15:20 - 16:05	Flight Propulsion L1|01-24K vl				Konstruktion im Motorenbau I L5|01-45b vl		
16:15 - 17:00							
17:10 - 17:55							
18:05 - 18:50							

Mittwoch

Zeit								
8:00 - 8:45	Digitalisierung in der Produktion L4|02-1+2 vl+ue	Leichtbauwerkstoffe S4|02-101 vl	Gestaltung medizinischer und kritischer Benutzeroberflächen L1|01-73 vl					
8:55 - 9:40								
9:50 - 10:35		Introduction to Turbulence L1|01-328K vl + ue	Flight Propulsion L1|01-24K vl	Aktorwerkdtoffe und -prinzipien L1|01-264K vl	Analytische Methoden der Wärmeübertragung L2|06-203 vl	Grundlagen der Messtechnik und Datenverarbeitung mit LabVIEW L1|01-73 vl		
10:45 - 11:30								
11:40 - 12:25	Transport Phenomena L3|01-A92 / L4|02-1+2 vl	Lightweight Engineering I+II L1|01-24K ue	Mechatronic Systems II L4|02-201 vl		Printed Electronics S1|01-A04 vl			
12:35 - 13:20						High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl + ue		
13:30 - 14:15	Smart Products, Engineering and Services L4|02-201 vl	Management von Anlagenbau-Projekten im Energiesektor 13:30 - 17:00 L3|01-A92 vl	Mechatronic Systems II 14:00 - 17:00 L1|10-101 ue	Modeling of Turbulent Flows L1|01-284K ue	High Temperature Materials Behaviour II S4|02-101 vl + ue			
14:25 - 15:10								
15:20 - 16:05						Aktuatorik in der Prozessautomatisierung verfahrenstechnischer Anlagen L1|01-450K	Fertigungsgerechte Maschinenkonstruktion II L4|02-301 vl	Fortgeschrittene Strömungsmechanik II 15:30 - 18:00 L1|01-328K vl / ue
16:15 - 17:00				Fundamentals of Navigation I 16:00 - 18:20 L4|02-202 vl + ue	Berechnungsmethoden im Bereich Verbrennungskraftmaschinen I L1|01-496 vl + ue			
17:10 - 17:55								
18:05 - 18:50								

Donnerstag

Zeit					
8:00 - 8:45	Transport Phenomena L1|01-73 ue				
8:55 - 9:40		Verbrennungskraftmaschinen II L4|02-301 vl			
9:50 - 10:35	Arbeits- und Prozessorganisation L4|02-201 vl				
10:45 - 11:30					
11:40 - 12:25	Arbeits- und Prozessorganisation L4|02-201 ue				
12:35 - 13:20				Oberflächentechnik II 13:00 - 15:30 S4|02-101 vl	
13:30 - 14:15	Lightweight Engineering I+II L1|01-24K vl	Fahrassistenzsysteme und automatisiertes Fahren L4|02-202 / digital ue	Biofabrication und 3D-Bioprinting S1|03-23 vl		Einführung in die Quantenmechanik und Laserspektrometrie L1|01-73 vl + ue
14:25 - 15:10					
15:20 - 16:05	Smart Products, Engineering and Services L1|01-24K 02.05.2024 16.05.2024 ue	Physics-Aware Machine Learning S3|13-30 vl + ue		Methoden der analytischen und experimentellen Strukturdynamik L1|01-543K vl + ue	
16:15 - 17:00			Global Satellite Navigation Systems and Orbit Determination L3|01-A92 vl		
17:10 - 17:55					
18:05 - 18:50					

Freitag

Zeit							Digitale Lehre
8:00 - 8:45	Transport Phenomena L4|02-301/-340/-6 ue	Space Debris - Risks, Surveillance and Mitigation L4|02-202 vl					Digitale Drucktechnologien Digitale Lehre vl
8:55 - 9:40							
9:50 - 10:35	Avionics System Safety L3|01-A92 vl	Space Systems and Operations L4|02-201 vl	Numerische Methoden der Aerodynamik L4|02-228 vl	Trends in Automotive Engineering L3|01-A91 vl	Mathematische Methoden in der Strömungsmechanik L1|01-328K vl + ue	Micromechanics of Composite Materials Digitale Lehre vl	Inkjet Printing for Digital fabrication Digitale Lehre vl
10:45 - 11:30							
11:40 - 12:25							Nichtlineare Dynamik Digitale Lehre vl + ue
12:35 - 13:20							
13:30 - 14:15							Decarbonization of Industrial Processes BTU Cottbus-Senftenberg / digital pj + vl + ue
14:25 - 15:10							
15:20 - 16:05	Space Propulsion and Space Transportation Systems L1|01-24K						
16:15 - 17:00							
17:10 - 17:55							
18:05 - 18:50							

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Legend				Summer term 2022/2023			
				Location:		Form:	
Electives Area Ia :	Fundamentals			S	City Campus	vl	Lecture
Electives Area Ib :	Digitalisation			L	Lichtwiese Campus	ue	Recitation
Electives Area II :	Core Electives from Mechanical Engineering		Aerospace Engineering subjects from Electives Area II	B	Botanic Garden	pj	Project work
Electives Area III :	Electives from Natural Science and Engineering		Aerospace Engineering subjects from Electives Area III				

Block course:								
Motor Cycles D			Vehicle Aerodynamics D			Design and Dimensioning of Plastic Parts D		
Fr, 26th Apr. Tue, 7th Mai Fr, 7th Juni	10:15 - 17:00	L1|01-407 / digital	Fr, 19th Apr. Fr, 24th Mai Fr, 14th Juni Fr, 28th Juni Fr, 19th Juli	12:35 - 18:35	L1|01-73	Fr, 19th Apr. Fr, 17th Mai Fr, 7th Juni Fr, 21th Juni Fr, 5th Juli	8:15 - 11:30	L1|01-24K

Subjects in German are marked with a "D"
Deviating times are listed separately for the events concerned in the table

Monday

Time				
8:00 - 8:45	Virtual Product Development C D L1|01-24K vl	Systemic Evaluation of Air Traffic L3|01-A91 vl		
8:55 - 9:40				
9:50 - 10:35	Advanced Heat Transfer D L4|02-202 vl	Introduction to Turbulence L1|01-328K vl	Circular economy and recycling D S3|06-053 vl	Economical optimization of energy supply for energy intensive production units D Digitale Lehre vl
10:45 - 11:30				
11:40 - 12:25	Virtual Product Development B D L4|02-201 vl	Energy Systems II D L1|01-24K vl	Machine Tools and Robots D L4|02-202 vl	
12:35 - 13:20				
13:30 - 14:15	Automotive mechatronics and assistance systems D L4|02-202 vl		Work Organization in Intercultural Context L1|01-73 vl (+ ue ?)	Mathematic Methods in Fluid Mechanics D L1|01-328K vl
14:25 - 15:10				
15:20 - 16:05		Energy Systems III D L1|01-24K vl		Nonlinear FEA in Lightweight Design D L4|02-203 vl + ue
16:15 - 17:00	Transport Phenomena L4|02-202 vl			
17:10 - 17:55				
18:05 - 18:50				

Tuesday

Time							
8:00 - 8:45	Lightweight Engineering I+II L1|01-24K vl	Manufacturing and load optimized Cast Components L4|02-203 vl					
8:55 - 9:40			Mechanical separation processes D S1|05-23 vl				
9:50 - 10:35	Formic technology II D L1|01-24K vl	Flight Mechanics II: Dynamic L4|02-202 vl		Fluid energy machines D L1|01-73 vl	Dynamics of Interfacial Flows L2|06-403 vl		
10:45 - 11:30							
11:40 - 12:25	Aerodynamics II L1|01-24K vl		Basics of Economics for Engineers D L4|02-201 vl				
12:35 - 13:20						High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl	
13:30 - 14:15	Modeling of Turbulent Flows L1|01-284K vl	Nano- und Microfluidics II D L2|06-100 vl + ue	Numerical Methods of Applied Dynamics D 14:00 - 17:15 L1|01-543K vl (+ ue ?)	Dimesioning and Optimization of Vehicle Transmissions 14:00 - 15:30 "Inverted Classroom" vl	Joining Technology D S4|02-101 vl		Advanced Methods for Flow Simulation (D) S4|10-1 vl
14:25 - 15:10							
15:20 - 16:05	Flight Propulsion L1|01-24K vl				Structural Design of Internal Combustion Engine I D L5|01-45b vl		
16:15 - 17:00							
17:10 - 17:55							
18:05 - 18:50							

Wednesday

Time								
8:00 - 8:45	Digitalisation in production D L4|02-1+2 vl+ue	Lightweight Construction Materials S4|02-101 vl	User Inerface Deign formedical and critical Interfaces D L1|01-73 vl					
8:55 - 9:40								
9:50 - 10:35		Introduction to Turbulence L1|01-328K vl + ue	Flight Propulsion L1|01-24K vl	Actuator materials and principles D L1|01-264K vl	Analytical Methods in Heat Transfer D L2|06-203 vl	Principles of Measurment Technique and Data Acquisition with LabVIEW D L1|01-73 vl		
10:45 - 11:30								
11:40 - 12:25	Transport Phenomena L3|01-A92 / L4|02-1+2 vl	Lightweight Engineering I+II L1|01-24K ue	Mechatronic Systems II L4|02-201 vl		Printed Electronics S1|01-A04 vl			
12:35 - 13:20						High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl + ue		
13:30 - 14:15	Smart Products, Engineering and Services L4|02-201 vl	Design, Building, Commisioning and Operation of large-scale Plants D 13:30 - 17:00 L3|01-A92 vl	Mechatronic Systems II 14:00 - 17:00 L1|10-101 ue	Modeling of Turbulent Flows L1|01-284K ue	High Temperature Materials Behaviour II S4|02-101 vl + ue			
14:25 - 15:10								
15:20 - 16:05						Actuators in process automation of chemical plants D L1|01-450K vl	Machine Deign II D L4|02-301 vl	Advanced Fluid Mechanics II D 15:30 - 18:00 L1|01-328K vl / ue
16:15 - 17:00				Fundamentals of Navigation I 16:00 - 18:20 L4|02-202 vl + ue	Calculation of Engine Test Results I D L1|01-496 vl + ue			
17:10 - 17:55								
18:05 - 18:50								

Thursday

Time					
8:00 - 8:45	Transport Phenomena L1|01-73 ue				
8:55 - 9:40		Combustion Engines II D L4|02-301 vl			
9:50 - 10:35	Work and Process Organization D L4|02-201 vl				
10:45 - 11:30					
11:40 - 12:25	Work and Process Organization D L4|02-201 ue				
12:35 - 13:20				Surface technologies II D 13:00 - 15:30 S4|02-101 vl	
13:30 - 14:15	Lightweight Engineering I+II L1|01-24K vl	Automotive mechatronics and assistance systems D L4|02-202 / digital ue	Biofabrication und 3D-Bioprinting S1|03-23 vl		Introduction to Quantum Mechanics and Spectroscopy D L1|01-73 vl + ue
14:25 - 15:10					
15:20 - 16:05	Smart Products, Engineering and Services L1|01-24K 02.05.2024 16.05.2024 ue	Physics-Aware Machine Learning S3|13-30 vl + ue		Analyical and experimental methods of structural dynamics D L1|01-543K vl + ue	
16:15 - 17:00			Global Satellite Navigation Systems and Orbit Determination L3|01-A92 vl		
17:10 - 17:55					
18:05 - 18:50					

Friday

Time							Digital Teaching
8:00 - 8:45	Transport Phenomena L4|02-301/-340/-6 ue	Space Debris - Risks, Surveillance and Mitigation L4|02-202 vl					Digital Printing D vl
8:55 - 9:40							
9:50 - 10:35	Avionics System Safety L3|01-A92 vl	Space Systems and Operations L4|02-201 vl	Computational aerodynamics D L4|02-228 vl	Trends in Automotive Engineering L3|01-A91 vl	Mathematic Methods in Fluid Mechanics D L1|01-328K vl + ue	Micromechanics of Composite Materials Digital vl	Inkjet Printing for Digital fabrication vl
10:45 - 11:30							
11:40 - 12:25							Nonlinear Dynamics D vl + ue
12:35 - 13:20							
13:30 - 14:15							Decarbonization of Industrial Processes BTU Cottbus-Senftenberg / digital pj + vl + ue
14:25 - 15:10							
15:20 - 16:05	Space Propulsion and Space Transportation Systems L1|01-24K vl						
16:15 - 17:00							
17:10 - 17:55							
18:05 - 18:50							