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Legende		
	Wahlpflichtbereich Ia :	Grundlagen
	Wahlpflichtbereich Ib :	Digitalisierung
	Wahpflichtbereich II :	Kernlehrveranstaltungen
	Wahlpflichtbereich III :	Wahlfächer aus Natur- und Ingenieurwissenschaft

Abweichende Uhrzeiten stehen extra bei der betroffenen Veranstaltungen in der Tabelle

Sommersemester 2023

Standort:		Veranstaltung:	
S	Stadtmitte	vl	Vorlesung
L	Lichtwiese	ue	Übung
B	Botanischer Garten	pj	Projekt

Blockveranstaltungen:

Fahrzeugaerodynamik		
Fr, 16. Mai Fr, 23. Mai Fr, 6. Juni Fr, 13. Juni Fr, 20. Juni	12:35 - 18:35	L1|01-73

Zeit	Montag					Dienstag						Mittwoch									Donnerstag					Freitag							Digitale Lehre
8:00 - 8:45	Virtuelle Produktentwicklung C L1|01-24K vl	Systemic Evaluation of Air Traffic L3|01-A91 vl			Fahrzeugelektronik und -software S1|03-226 vl	Lightweight Engineering I+II L1|01-24K vl	Manufacturing and load optimized Cast Components L1|01-264K vl					Digitalisierung in der Produktion L4|02-1+2 vl+ue	Leichtbauwerkstoffe S4|02-101 vl	Gestaltung medizinischer und kritischer Benutzeroberflächen L1|01-73 vl							Transport Phenomena L1|01-73 ue					Transport Phenomena L4|02-301/-340/-6 ue	Space Debris - Risks, Surveillance and Mitigation L4|02-202 vl						Flight Propulsion vl
8:55 - 9:40								Mechanische Trennverfahren S1|05-23 vl	Physics-Aware Machine Learning S1|03-123 vl											Verbrennungskraftmaschinen II L4|02-301 vl											
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 Online Lehre vl		Umformtechnik II L1|01-24K vl	Flight Mechanics II: Dynamic L4|02-202 vl			Dynamics of Interfacial Flows L2|06-403 vl	Fluidenergiemaschinen L1|01-73 vl		Introduction to Turbulence L1|01-328K vl + ue	Trends in Automotive Engineering L3|01-A91 vl	Aktorwerkstoffe und -prinzipien L1|01-226 vl	Analytical Methods in Heat Transfer L2|06-203 vl				Arbeits- und Prozessorganisation L4|02-201 vl					Trends in Automotive Engineering L3|01-A91 vl	Space Systems and Operations L4|02-202 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	Konstruieren und Auslegen von Kunststoffbauteilen L1|01-24K 6 Termine vl	Micromechanics of Composite Materials Digitale Lehre vl	Farbwiedergabe in den Medien 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			Aerodynamics II L1|01-24K vl		Betriebswirtschaft für Ingenieure L4|02-201 vl				Transport Phenomena L4|02-1+2 vl	Lightweight Engineering I+II L1|01-24K ue	Mechatronic Systems II L4|02-201 vl							Arbeits- und Prozessorganisation L4|02-201 ue											Digitale Drucktechnologien Digitale Lehre vl
12:35 - 13:20										High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl								High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl + ue													
13:30 - 14:15	Fahrassistenzsysteme und automatisiertes Fahren L4|02-202 vl	Additive Manufacturing II – Materials and Processes L3|01-A92 vl	Work Organization in Interculturel Context L1|01-73 vl + ue	Mathematische Methoden in der Strömungsmechanik L1|01-328K vl		Modeling of Turbulent Flows L1|01-24K vl	Nano- und Mikrofluidik II L2|06-100 vl + ue	Numerische Methoden der technischen Dynamik 14:00 - 17:15 L1|01-543K vl (+ ue ?)	Verbindunstechnik S4|02-101 vl			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|01-24K ue	High Temperature Materials Behaviour II S4|02-101 vl + ue				Lightweight Engineering I+II L1|01-24K vl	Fahrassistenzsysteme und automatisiertes Fahren L4|02-202 ue	Biofabrication und 3D-Bioprinting S1|03-23 vl	Oberflächentechnik II 13:00 - 15:30 S4|02-101 vl	Einführung in die Quantenmechanik und Laserspektrometrie L1|01-73 vl + ue							Inkjet Printing for Digital fabrication Digitale Lehre vl
14:25 - 15:10		Energiesysteme III L1|01-24K vl														Aktuatorik in der Prozessautomatisierung L1|01-450K vl	Fertigungsgerechte Maschinenkonstruktion II L4|02-301 vl	Fortgeschrittene Strömungsmechanik II 15:30 - 18:00 L1|01-328K vl + ue					Physics-Aware Machine Learning S3|13-30 vl + ue		Defossilisierung von Industrieprozessen: Technologien und Kohlenstoffwirtschaft L1|01-24K vl							
15:20 - 16:05				Nichtlineare FEA im Leichtbau L4|02-203 vl + ue				Konstruktion im Motorenbau I L5|01-45b vl																								Nichtlineare Dynamik Digitale Lehre vl + ue
16:15 - 17:00	Transport Phenomena L4|02-202 vl														Fundamentals of Navigation I 16:00 - 18:20 L4|02-202 vl + ue	Berechnungsmethoden im Bereich Verbrennungskraftmaschinen I L1|01-496 vl + ue				Smart Products, Engineering and Services L4|02-201 12.05.2025 13.05.2025 pj											
17:10 - 17:55																																Konstruktionsprinzipien im Druckmaschinenbau Digitale Lehre vl
18:05 - 18:50																																	

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Legend		
	Electives Area Ia :	Fundamentals
	Electives Area Ib :	Digitalisation
	Electives Area II :	Core Electives from Mechanical Engineering
	Electives Area III :	Electives from Natural Science and Engineering
		Aerospace Engineering subjects from Electives Area II
		Aerospace Engineering subjects from Electives Area III

Deviating times are listed separately for the events concerned in the table

Subjects in German are marked with a "D"

Summer term 2022/2023

Location:		Form:	
S	City Campus	vl	Lecture
L	Lichtwiese Campus	ue	Recitation
B	Botanic Garden	pj	Project

Block course:

Vehicle Aerodynamics		D
Fr, 16th Mai Fr, 23rd Mai Fr, 6th Juni Fr, 13th Juni Fr, 20th Juni	12:35 - 18:35	L1|01-73

Time	Monday					Tuesday						Wednesday									Thursday					Friday							Digital Teaching
8:00 - 8:45	Virtual Product Development C D L1|01-24K vl	Systemic Evaluation of Air Traffic L3|01-A91 vl			Software Defined Vehicles D S1|03-226 vl	Lightweight Engineering I+II L1|01-24K vl	Manufacturing and load optimized Cast Components L4|02-203 vl					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							Transport Phenomena L1|01-73 ue					Transport Phenomena L4|02-301/-340/-6 ue	Space Debris - Risks, Surveillance and Mitigation L4|02-202 vl						Flight Propulsion vl
8:55 - 9:40								Mechanical separation processes D S1|05-23 vl	Physics-Aware Machine Learning S1|03-123 vl											Combustion Engines II D L4|02-301 vl											
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 Online study vl		Formic technology II D L1|01-24K vl	Flight Mechanics II: Dynamic L4|02-202 vl			Dynamics of Interfacial Flows L2|06-403 vl	Fluid energy machines D L1|01-73 vl		Introduction to Turbulence L1|01-328K vl + ue	Trends in Automotive Engineering L3|01-A91 vl	Actuator materials and principles D L1|01-226 vl	Analytical Methods in Heat Transfer L2|06-203 vl				Work and Process Organization D L4|02-201 vl					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	Design and Dimensioning of Plastic Parts D L1|01-24K vl	Micromechanics of Composite Materials Digital vl	Colour in Media D 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			Aerodynamics II L1|01-24K vl		Basics of Economics for Engineers D L4|02-201 vl				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							Work and Process Organization D L4|02-201 ue											Digital Printing D vl
12:35 - 13:20										High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl								High-Accuracy Methods for Computational Fluid Dynamics L1|01-328K vl + ue													
13:30 - 14:15	Automotive mechatronics and assistance systems D L4|02-202 vl	Additive Manufacturing II – Materials and Processes L3|01-A92 vl	Work Organization in Interculturel Context L1|01-73 vl + ue	Mathematic Methods in Fluid Mechanics D L1|01-328K vl		Modeling of Turbulent Flows L1|01-24K 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 ?)	Joining Technology D S4|02-101 vl			Smart Products, Engineering and Services D 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|01-24K ue	High Temperature Materials Behaviour II S4|02-101 vl + ue				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	Surface technologies II D 13:00 - 15:30 S4|02-101 vl	Introduction to Quantum Mechanics and Spectroscopy D L1|01-73 vl + ue							Inkjet Printing for Digital fabrication vl
14:25 - 15:10		Energy Systems III D L1|01-24K vl														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					Physics-Aware Machine Learning S3|13-30 vl + ue		Defossilisation of Industrial Processes: Technologies and Carbon Economy D L1|01-24K vl							
15:20 - 16:05				Nonlinear FEA in Lightweight Design D L4|02-203 vl + ue				Structural Design of Internal Combustion Engine I D L5|01-45b vl																								Nonlinear Dynamics D vl + ue
16:15 - 17:00	Transport Phenomena L4|02-202 vl														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				Smart Products, Engineering and Services L4|02-201 12.05.2025 13.05.2025 pj											
17:10 - 17:55																																Design Principles in Printing Press Construction D vl
18:05 - 18:50																																	