

List of the Courses taught in English at the Department of Mechanical and Process Engineering of the Duesseldorf University of Applied Sciences

Remarks:

- 1) The elective courses may not be opened ever semester. The list of the elective courses will be announced at the beginning of the semester
 - 2) Although the lectures are usually offered only in one of the two semesters of the year (winter or summer) the exams can be taken at the end of both semesters.
- Thus, it is possible to take the exams of the courses, the lectures of which were not offered in the respectiv semester.

Bachelor Courses							
Code	Title of the Course	Credits (ECTS)	Winter Semester (WS) Summer Semester (SS)	Compulsory (PF) Elective (WF)	Bachelor course (EUT, MPE, MPT, UVT, WIM) Master course (SET, ME, IWI)	Language German (d) English (e)	Prof.
MV_BACHV_TecCom.16	Technical Combustion	5	SS	PF	EUT	e	Benim
MV_BACHV_HeaTran.16	Heat Transfer	5	WS	PF	EUT, UVT	e	Benim
MV_BACHV_Projekt.16	Projektarbeit (Project)	5	WS	PF	EUT, MPE, MPT, UVT, WIM	d / e	various
MV_BACHV_Fkl.16	Festigkeitslehre (Strength of Materials)	4	WS	PF	MPE, MPT, WIM	d (e)*	Jahr
MV_BACHV_Dyna.16	Dynamik (Dynamics)	4	WS	PF	MPE, MPT	d (e)*	Jahr
MV_BACHV_Maschel.16	Maschinenelemente (Machine Elements)	6	WS	PF	MPE, MPT	d (e)*	Jahr
MV_BACHV_KonMas.16	Konstruktion von Maschinen (Design of Machines)	6	SS	PF	MPE	d (e)*	Jahr
MV_BACHV_Luftre.16	Luftreinhaltung (Air Quality Control)	6	SS	PF	EUT, UVT	d (e)*	Weber
	Biofluid Dynamics	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	e	Benim
	Selected Topics in Energy Technology	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	e	Benim
	Energetische Projektstudien (Selected Case Studies of Energy Technology)	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	d / e	Benim
	Produktentwicklungsstudien (Product Development Studies)	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	d (e)*	Jahr
	Mechanik Computerorientiert (Mechanics Computer Oriented)	5	SS	WF	EUT, MPE, MPT, UVT, WIM	d (e)*	Jahr
	Finite- Elemente- Methode I (Finite- Elemente- Method I)	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	e	Scheideler
	Umwelttechnische Projektstudien (Selected Case Studies of Environmental Engineering)	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	d / e	Weber
	Sondergebiete der Physik (Advanced Special Topics of Physics)	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	d / e	Weber
	Advanced Reading and Conversation Class	5	WS / SS	WF	EUT, MPE, MPT, UVT, WIM	e	Zupfer
	English for Engineers	5	WS/SS	WF	EUT, MPE, MPT, UVT, WIM	e	Zupfer
MV_BACHV_BachThe.16	Bachelor Thesis	12	WS / SS	PF	EUT, MPE, MPT, UVT, WIM	d / e	various

Master Courses							
Code	Title of the Course	Credits (ECTS)	Winter Semester (WS) Summer Semester (SS)	Compulsory (PF) Elective (WF)	Bachelor course (EUT, MPE, MPT, UVT, WIM) Master course (SET, ME, IWI)	Language German (d) English (e)	Prof.
MV_MASTV_CFD.16	Computational Fluid Dynamics	6	SS	PF	SET, ME	e	Benim
MV_MASTV_OpMan.16	Operations Management	6	SS	PF	IWI	e	Deckert
	Simulation of Mechanical Systems	6	WS	PF	ME	e	Jahr
	Computerbased Measurement Technology	6	SS	PF	SET, ME	e	Kiel, Kameier
MV_MASTV_LCM.16	Life Cycle and Services Management	6	SS	PF	IWI	d / e	Niemann
MV_MASTV_InTechM.16	Innovation and Technology Management	6	WS	PF	IWI	e	Niemann
MV_MASTV_MethPro.16	Methoden zur Produktionsoptimierung	6	SS	PF	IWI	d / e	Niemann
MV_MASTV_IntTech.16	International Technical Sales Management	6	SS	PF	IWI	e	Niemann
MV_MASTV_EngMath.16	Engineering Mathematics	6	SS	PF	SET, ME	e	Scheideler
	Finite Element Method	6	SS	PF	SET, ME	e	Scheideler
MV_MASTV_Projekt.16	Project R & D	6	WS/ SS	PF	SET, IWI, ME	d / e	various
MV_MASTV_UmLärMe.16	Umwelt- Lärmschutz, Messtechnik Luft (Ambient Air Related Measurement Techniques)	6	WS / SS	PF	SET, IWI	d / e	Weber, Kameier
	Combustion Science and Technology	6	WS/ SS	WF	ME	e	Benim
	Turbulent Flows	6	WS/ SS	WF	ME	e	Benim
	Innovative Product Development	6	WS	WF	ME, IWI	e	Jahr
	Control Theory	6	SS	WF	SET, IWI, ME	d / e	Kiel
	Thermoelektrik und Energierückgewinnung (Thermoelectricity and Energy Recovery)	6	WS	WF	SET, IWI, ME	d / e	Ebling
	Low Noise Design	6	WS	WF	SET, IWI, ME	e	Kameier
	Intercultural Competence	6	SS	WF	SET, IWI, ME	e	Zupfer
	Brush up your Business English	6	WS/ SS	WF	SET, IWI, ME	e	Zupfer
	Master Thesis	21	WS/ SS	PF	SET, IWI, ME	d / e	various

* This course is taught in German, but the written exam can be taken in English. Please contact the lecturer at the beginning of the semester, if you wish to do so.