ECTS-Grading Table

RWTH AACHEN UNIVERSITY

Course of Study: Mechanical Engineering
Degree: Bachelor of Science RWTH Aachen University (B. Sc. RWTH)
Acquisition period: April 1, 2020 to March 31, 2023

Total number of degrees conferred: 1885

Central Examination Office

Grade	Number	Percentage (%)	Percentage sum (%)	Grade range
1.00	1	0.05	0.05	
1.10	3	0.16	0.21	
1.20	6	0.32	0.53	very good *
1.30	11	0.58	1.11	
1.40	23	1.22	2.33	
1.50	31	1.64	3.98	
1.60	39	2.07	6.05	
1.70	38	2.02	8.06	
1.80	40	2.12	10.19	
1.90	42	2.23	12.41	
2.00	66	3.50	15.92	good
2.10	72	3.82	19.73	
2.20	96	5.09	24.83	
2.30	90	4.77	29.60	
2.40	114	6.05	35.65	
2.50	110	5.84	41.49	
2.60	146	7.75	49.23	
2.70	158	8.38	57.61	
2.80	184	9.76	67.37	
2.90	187	9.92	77.29	
3.00	175	9.28	86.58	satisfactory
3.10	121	6.42	93.00	
3.20	66	3.50	96.50	
3.30	47	2.49	98.99	
3.40	11	0.58	99.58	
3.50	6	0.32	99.89	
3.60	2	0.11	100.00	
3.70	0	0.00	100.00	
3.80	0	0.00	100.00	sufficient
3.90	0	0.00	100.00	
4.00	0	0.00	100.00	

Sum: 1885

* Overall grade "with distinction" if the final thesis is awarded a 1.0 and the overall grade is 1.3 or better

RWTH AACHEN UNIVERSITY

Transcript of Records

Central Examination Office

Date: 2023-08-01

Family Name:
Tao

First Name:
Yuhao

Date of Birth:
August 23, 2000

Place of Birth:
Shanghai

Student ID Number:
393346

Study-ID:
1480 82 104 (2011)

RWTH AACHEN UNIVERSITY
Abteilung 1.3
Zentrales Prüfungsamt
52056 Aachen | GERMANY

Course of Study:
Mechanical Engineering

Degree:
Bachelor of Science RWTH Aachen University (B. Sc. RWTH)

Modules/Courses	Grade	An	Rec	CP	Date	Sem
Mechanical Engineering	**1.1**		**N**	**210.00**		
Fundamentals of Engineering Sciences	**1.1**		**N**	**77.00**	**2021-09-11**	
Introduction to Mechanical Engineering	**1.0**		**N**	**1.00**	**2018-12-15**	
Introduction to Mechanical Engineering	1.0	BE	N	1.00	2018-12-15	18W
Mechanics I	**1.0**		**N**	**7.00**	**2019-03-18**	
Mechanics I for Mechanical Engineering	1.0	BE	N	7.00	2019-03-18	18W
Mechanics II/III	**1.0**		**N**	**15.00**	**2020-03-04**	
Mechanics II	1.0	BE	N	7.00	2019-07-16	19S
Mechanics III for Mechanical Engineering	1.0	BE	N	8.00	2020-03-04	19W
Machine Design I and Introduction to CAD	**1.7**		**N**	**4.00**	**2019-08-07**	
Machine Design I	1.7	BE	N	3.00	2019-03-09	18W
Introduction to CAD	2.0	BE	N	1.00	2019-08-07	19S
Machine Design II	**1.0**		**N**	**5.50**	**2020-10-09**	
Machine Design II	1.0	BE	N	5.50	2020-10-09	20S
Machine Design III	**1.3**		**N**	**5.50**	**2021-09-11**	
Machine Design III	1.3	BE	N	5.50	2021-09-11	21S
Thermodynamics I/II	**1.0**		**N**	**9.00**	**2021-03-10**	
Thermodynamics I/II	1.0	BE	N	9.00	2021-03-10	20W
Materials Science I, II	**1.4**		**N**	**10.00**	**2021-03-19**	
Materials Science I	1.0	BE	N	6.00	2020-02-06	19W
Material Science II	2.0	BE	N	4.00	2021-03-19	20W
Fluid Mechanics I	**1.0**		**N**	**7.00**	**2020-08-14**	
Fluid Mechanics I	1.0	BE	N	7.00	2020-08-14	20S
Heat and Mass Transfer I	**1.0**		**N**	**7.00**	**2021-07-31**	
Heat and Mass Transfer I	1.0	BE	N	7.00	2021-07-31	21S
Basics of Electrical Engineering for Mechatronic Systems	**1.0**		**N**	**6.00**	**2020-03-12**	

Modules/Courses	Grade	An	Rec	CP	Date	Sem
Basics of Electrical Engineering for Mechatronic Systems	1.0	BE	N	6.00	2020-03-12	19W
Fundamentals of Mathematics and Natural Sciences	**1.2**		**N**	**33.00**	**2021-08-10**	
Chemistry	**2.7**		**N**	**3.00**	**2019-02-04**	
Basics of Chemistry	2.7	BE	N	3.00	2019-02-04	18W
Physics	**2.0**		**N**	**4.00**	**2019-02-12**	
Physics	2.0	BE	N	4.00	2019-02-12	18W
Mathematics I	**1.0**		**N**	**7.00**	**2019-02-21**	
Mathematics I	1.0	BE	N	7.00	2019-02-21	18W
Mathematics II/III	**1.0**		**N**	**14.00**	**2020-02-01**	
Mathematics II	1.0	BE	N	7.00	2019-08-21	19S
Mathematics III	1.0	BE	N	7.00	2020-02-01	19W
Numerical Mathematics	**1.0**		**N**	**5.00**	**2021-08-10**	
Numerical Mathematics I for Mechanical Engineering	1.0	BE	N	5.00	2021-08-10	21S
Fundamentals of Systems	**1.1**		**N**	**21.00**	**2021-09-16**	
Computer Science in Mechanical Engineering	**1.7**		**N**	**5.00**	**2019-09-09**	
Computer Science in Mechanical Engineering	1.7	BE	N	5.00	2019-09-09	19S
Measurement Laboratory	**B**		**N**	**3.00**	**2020-02-14**	
Messtechnisches Labor (MTL)	B	BE	N	3.00	2020-02-14	19W
Simulation Methods in Mechanical Engineering	**1.0**		**N**	**6.00**	**2021-09-16**	
Simulation Methods in Engineering	1.0	BE	N	6.00	2021-09-16	21S
Automatic Control	**1.0**		**N**	**7.00**	**2021-05-03**	
Automatic Control	1.0	BE	N	7.00	2021-05-03	20W
Fundamentals of Civil Society	**1.1**		**N**	**10.00**	**2022-09-09**	
Communication and Organisation Development	**B**		**N**	**3.00**	**2019-03-13**	
Communication and Organisation Developement	B	G	N	3.00	2019-03-13	18W
Business Engineering	**1.3**		**N**	**3.00**	**2022-09-09**	
Business Engineering	1.3	BE	N	3.00	2022-09-09	22S
Quality and Project Management	**1.0**		**N**	**4.00**	**2022-03-24**	
Quality and Project Management	1.0	BE	N	4.00	2022-03-24	21W
Occupational Field Product Development	**1.1**		**N**	**30.00**	**2022-08-10**	
Compulsory Modules			**N**	**27.00**	**2022-03-21**	
Electromechanic Motion Technology	**1.3**		**N**	**5.00**	**2022-02-10**	
Electromechanic Motion Technology	1.3	BE	N	5.00	2022-02-10	21W
Manufacturing Technology I	**1.0**		**N**	**4.00**	**2022-03-04**	
Manufacturing Technology I	1.0	BE	N	4.00	2022-03-04	21W
Fluidpower - Systems and Components	**1.0**		**N**	**6.00**	**2022-02-25**	
Fluidpower - Systems and Components	1.0	BE	N	6.00	2022-02-25	21W
Fundamentals of Dynamics of Machines and Structural Dynamics	**1.0**		**N**	**6.00**	**2022-02-16**	
Fundamentals of Dynamics of Machines and Structural Dynamics	1.0	BE	N	6.00	2022-02-16	21W
Basics of Product Development	**1.3**		**N**	**6.00**	**2022-03-21**	
Basics of Product Development	1.3	BE	N	6.00	2022-03-21	21W

Modules/Courses	Grade	An	Rec	CP	Date	Sem
	1.0		**N**	**3.00**	**2022-08-10**	
Comprehensive Elective Modules			**N**		**2022-08-10**	
Industrial Statistics	**1.0**		**N**	**3.00**	**2022-08-10**	
Industrial Statistics	1.0	BE	N	3.00	2022-08-10	22S
Project Work	**1.0**		**N**	**10.00**	**2022-05-05**	
Project Thesis	**1.0**		**N**	**10.00**	**2022-05-05**	
Simulation of electric current assisted sintering of oxide ceramics	1.0	BE	N	10.00	2022-05-05	21W
Internship	**B**		**N**	**14.00**	**2023-07-18**	
Internship	**B**		**N**	**14.00**	**2023-07-18**	
Internship	B	BE	N	14.00	2023-07-18	23S

Final thesis	Grade	An	Rec	CP	Date	Sem
Bachelor Thesis	**1.0**		**N**	**15.00**	**2023-05-02**	**23S**
Topic: Modeling and simulation of deformable Kolmogorov-sized bubbles and droplets in turbulent multiphase flows						

Graduation Date: July 18, 2023
Overall Credits: 210.00 / 210.00
Overall Grade: with distinction (1.1)

The final examination is successfully completed.

Explanations:

Grades: 1,0 - 1,5 = very good / 1,6 - 2,5 = good / 2,6 - 3,5 = satisfactory / 3,6 - 4,0 = sufficient / 5,0 = failed / B = passed / Q = no assessment

An = Annotation / Rec = recognized examination/data transfer from older version of examination regulations/ Master's assessments completed in the Bachelor's course of study (J/N/T = yes/no/partial) / CP = Credit Points / Sem = semester: _ _ W = winter semester/ _ _ S = summer semester

Annotations: AN = currently active registrations, BE = passed, NB = failed, X = absent/failed, PA = exam aborted, U = cheating, Q = medical certificate, NZ = not admitted, A = examination annulled, PAQ = exam aborted (medical certificate), R = approved withdrawal, S = cancellation, TS = technical issues, M = passed with a grade of at least sufficient, G/GA/GL = deleted grade, E = replaced, NU = not taken, TR = return of thesis topic, NA = not submitted

RWTH AACHEN UNIVERSITY
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Zentrales Prüfungsamt
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Signature and Stamp