



Technische Universität Braunschweig | Fakultät 3  
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Date: 30 September 2021

**Transcript of Records - Passed Exams**

Suba Siva Chandran Kalimuthu (4868941)  
born on 09 August 1993 in Thanjavur  
Computational Sciences in Engineering (CSE) (PO-Version 3), Master  
semester 8, registered since 01 October 2017

Description	Exam Date	Credits	Annotation	Grade
	Result	120/120		2,0
Completed on 22.09.2021				
<b>BCC-ENG I Basic Core Courses -Engineering</b>				
Fluid Mechanics	08.02.2018	5		3,3
General Continuum Physics	01.03.2018	5		3,0
Thermodynamics and Statistics	26.07.2018	5		1,7
<b>BCC-MCS I Basic Core Courses - Mathematics and Computer Science</b>				
Algorithms and Programming	04.09.2019	5		2,7
Introduction to PDEs	12.02.2019	5		3,0
Introduction to Scientific Computing	04.02.2019	5		3,3
<b>ECC-ENG I Elective Core Courses - Engineering</b>				
Introduction to Numerical Methods in Aerodynamics	09.03.2018	5		2,0
Numerical Analysis in Aerodynamics	23.07.2019	5		2,0
Numerical Methods in Computational Aeroacoustics	21.08.2018	5		2,0
<b>ECC-MCS I Elective Core Courses - Mathematics and Computer Science</b>				
Advanced Object Oriented C++ Techniques	21.08.2019	5		1,0
Scientific Visualization		5		2,0
Intermediate Programming	13.07.2018	5		2,3
<b>IDC-LEC I In-Depth Courses - Lectures</b>				
Simulation of Fluid Dynamics	26.03.2019	5		1,3
Finite Element Methods 2	07.08.2019	5		3,0
Topology Optimization	28.08.2019	5		1,7

Description	Exam Date	Credits	Annotation	Grade
<b>IDC-PRO I In-Depth Courses - Project</b>				
Simulation of production process-related adhesive damage of adhesive bonded multi-material body in white	28.05.2020	15		1,7
<b>MTH I Master Thesis</b>				
Simulation of process-induced deformations of fusion bonded hybrid components and potential analysis in a car model	22.09.2021	30		1,7
<b>ADD I Additional Exams</b>				
Computational Fluid Dynamics	30.09.2018			2,3

**Explanations:**

One credit is equivalent to a time expenditure of 30 hours.

Grades: excellent (1,0 to 1,5), good (1,6 to 2,5), satisfactory (2,6 to 3,5), sufficient (3,6 to 4,0)

*A. Mueen-Sahayad*  
Signature of Examination Office / Official Stamp



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Mr.

Suba Siva Chandran Kalimuthu

apl. Prof. Dr.-Ing. Ursula Kowalsky

Course Director

**Contact**

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Braunschweig, 30 September 2021

**Confirmation of studies for Mr. Suba Siva Chandran Kalimuthu**

We hereby confirm that Mr. Suba Siva Chandran Kalimuthu, born on 09 August 1993, in Thanjavur, successfully completed the studies in “Computational Sciences in Engineering” (CSE) at the Technische Universität Braunschweig. This student obtained the degree “Master of Science“ from the responsible Department of Mechanical Engineering on 22 September 2021.

Please contact me for further questions.

Yours sincerely,

apl. Prof. Dr.-Ing. Ursula Kowalsky



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