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BOOK No. 358 **SHEET** 172 TRANSLATION No. 53293

I, Ana Paula de Silvio Cobucci Cirino, Certified Translator, certify and acknowledge the receipt of a document in Portuguese, which I identify as "Academic Transcript" and translate into English as follows:

UNIVERSIDADE FEDERAL FLUMINENSE UNDERGRADUATE AFFAIRS OFFICE DEPARTMENT OF SCHOOL ADMINISTRATION RUA MIGUEL DE FRIAS Nº 9 - ICARAÍ - NITERÓI - 24220-900 ACADEMIC TRANSCRIPT

STUDENT NAME: THIAGO ABRANTE DA COSTA

CPF (Individual Taxpayer Number): 186.022.457-18

PLACE OF BIRTH: RJ

DATE OF BIRTH: 09/10/1988 SECC/RJ

COURSE: MECHANICAL ENGINEERING (V REDONDA)

TOTAL POINTS: -SEMESTER / 2020

METHOD OF ADMISSION: ENEM - MARCH/ 2020

DEGREE: BACHELOR IN MECHANICAL ENGINEERING

QUALIFICATION: NOT APPLICABLE

EMPHASIS: NOT APPLICABLE

AUTHORIZING ACT OF COURSE ACCREDITATION/RENEWAL: MEC ORDINANCE No. 111 OF 02/04/2021,

ENROLLMENT: 120.046.020

NATIONALITY: BRAZILIAN

IDENTITY CARD No: 28.481.895-2 ISSUING AGENCY:

> LOCATION: VOLTA REDONDA PERIOD OF ENTRY: FIRST

WORKLOAD: 3730 EMEC CODE: 44370 CURRICULUM: 46.01.002

PUBLISHED IN the Federal Official GAZETTE ON 02/05/2021

CODE	SUBJECT NAME	SCORE	VS	(T -	P E)	PERIOD
	SUBJECTS USED IN PREVIOUS ENROLLMENT		Y.			
VFI00016	COMPUTER SCIENCES - Adriano de Oliveira Caminha - PhD	6.8		30	30 0	2 nd /2017
VMA00010	DIFFERENTIAL AND INTEGRAL CALCULUS I - Fernanda Valentim de Sousa - UNDERGRADUATE	5.1	10.0	90	0 0	2 nd /2017
VMA00035	DIFFERENTIAL AND INTEGRAL CALCULUS II - Honorio Joaquim Fernando - PhD	6.0		90	0 0	1 st /2018
VFI00002	PHYSICS I - Licinio Lima Silva Portugal - PhD	60	0 0	1 st /2018		
VFI00003	EXPERIMENTAL PHYSICS I - Ladario da Silva - PhD	6.4		0	30 0	2 nd /2018
VMA00006	LINEAR ALGEBRA I - Rosemary Miguel Pires - PhD	7.9		60	0 0	2 nd /2018
VFI00017	COMPUTER PROGRAMMING - Vera Lucia Prudencia dos Santos Caminha - PhD	8.9		45	45 0	2 nd /2018
VFI00005	PHYSICS II - Adriano de Souza Martins - PhD	9.1		60	0 0	1 st /2019
VMA00007	DIFFERENTIAL EQUATIONS - Gilmar Garbugio - PhD	9.2	41	60	0 0	1 st /2019
VMA00004	CALCULUS III - Honorio Joaquim Fernando - PhD	6.0	20	60	0 0	1 st /2019
VFI00006	EXPERIMENTAL PHYSICS II - Adriano de Souza Martins - PhD	8.0	1 10	0	30 0	1 st /2019
VFI00008	- Adriano de Souza Martins - PND PHYSICS III - Luiz Telmo da Silva Auler - PND	6.5	-1	60	0 0	2 nd /2019
VFI00009	EXPERIMENTAL PHYSICS III - Ladario da Silva - PhD	7.8	3	0	30 0	2 nd /2019
	SUBJECTS TAKEN IN THIS ENROLLMENT					
VEM00001	BASIC DRAWING CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UniFOA	DISP		45	30 0	1 st /2020
VEM00012	HEAT TRANSFER I CENTRO UNIVERSITÁRIO DE VOLTA REDONDA - UniFOA	DISP		60	0 0	
VFI00013	Modern Physics I - Aquino Lauri de Espindola - PhD	9,1		60	0 0	

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BOOK No. 358 SHEET 173 TRANSLATION No. 53293

CODE	SUBJECT NAME	SCORE	VS	Т	P E)	PERIOD
VEP00007	ADMINISTRATION AND ORGANIZATION I - Nicholas Van-Erven Ludolf - MASTER - Ana Carolina Maia Angelo - PhD	8.6		60	0 0	
VEM00013	MACHINING MANUFACTURING PROCESSES CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		45	15 0	
VEM00010	FLUID MECHANICS I CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		60	15 0	
VCE00017	GENERAL CHEMISTRY CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UniFOA	DISP		60	0 0	
VEP00001	STATISTICS I CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP	Ó/A	45	0 0	
VEM00046	GENERAL MECHANICS CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		60	0 0	
VEM00008	APPLIED ELECTRICITY - Roberto Brunow Lehmann - PhD	7.4	ZZ.	45	0 0	
VEM00011	INTRODUCTION TO MECHANICAL ENGINEERING - Alberto Paiva - PhD	9.5		15	0 0	
VEM00002	STRENGTH OF MATERIALS I CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		60	0 0	
VMA00005	ANALYTIC GEOMETRY CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		60	0 0	
VEP00008	INDUSTRIAL SAFETY - Dierci Marcio Cunha da Silveira - PhD	6.7		30	0 0	-
VEM00006	DYNAMICS CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		60	0 0	
VEM00009	CLASSICAL THERMODYNAMICS CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		60	0 0	
VEP00009	FOUNDATIONS OF THE ECONOMY - Glaudiane Lilian de Almeida - PhD	9.9		45	0 0	
VEP00003	LAW, ETHICS AND CITIZENSHIP - Evandro Fortes Goncalves - UNDERGRADUATE	9.0	77/E	30	0 0	2 nd /2020
VEM00017	FLUID MECHANICS II - Cleyton Senior Stampa - PhD	9.5		60	30 0	
VMT00104	MATERIAL PROCESSING CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UniFOA	DISP		45	15 0	

CODE	SUBJECT NAME	SCORE	VS	T	P E)	PERIOD
VEP00011	ENVIRONMENTAL MANAGEMENT - Welington Kiffer de Freitas - PhD	8.0		60	0 0	
VCE00014	INTRODUCTION TO NUMERIC METHODS CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UniFOA	DISP		60	0 0	1
VMT00022	METALLURGICAL MANUFACTURING PROCESSES CENTRO UNIVERSITÁRIO DE VOLTA REDONDA- UNIFOA	DISP		45	15 0	1 -
VEM00019	HEAT TRANSFER II - Jose Adilson de Castro - PhD	9.0	-4	60	30 0	
VEP00002	STATISTICS II - Eliane da Silva Christo - PhD	8.8		45	0 0	
VEM00007	VIBRATIONS - Jose Flavio Silveira Feiteira - PhD	8.7	BI	60	0 0	
VEP00013	QUALITY CONTROL (I) - Nicholas Van-Erven Ludolf - MASTER	8.7		60	0 0	
VEP00010	FUNDAMENTALS OF ECONOMIC ENGINEERING - Nilson Brandalise - PhD	9.0		45	0 0	
VEM00014	FLOW MACHINES - Henrique Massard da Fonseca - PhD	9.0		60	0 0	1 st /2021
VMT00018	WELDING PROCESSES - Yelson Duboc do Natal - MASTER	7.0		30	15 0	
VEM00004	STRENGTH OF MATERIALS II - Jorge Alberto Rodriguez Duran - PhD	7.6		60	30 0	
VMT00007	MECHANICAL TESTS - Rodrigo Pinto de Siqueira - PhD	6.4		60	15 0	

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BOOK No.	358	SHEET	174			TRANS	LATI	ON No	o. 53293
VCE00018	EXPERIMENTAL GENERAL CHEMISTRY - Gilmar Clemente Silva - PhD			7.9		0		30 0	
VMT00001	MATERIALS - Flavio Ferreira - PhD			7.0		4!	5	15 0	2 nd /2021
VEP00021	TIME-MOTION STUDIES - Cecilia Toledo Hernandez - PhD			9.0		60)	0 0	
VEM00005	MACHINE DESIGN - Adauto Martins de Assis - PhD	h.	. 10	7.3		30)	30 0	
VEM00015	MACHINE ELEMENTS - Jorge Alberto Rodriguez Duran - PhD			9.9		60)	30 0	
		UA	14	1/3	W	4			<u> </u>
CODE	SUBJECT NAME		9	SCORE	VS	(7	- P - E	≣)	PERIOD
VEM00003	MECHANICAL CONFORMATION PROCESSES - Marcos Flavio de Campos - PhD	7/ A	W	7,8	N.	45	5 15	0	
VEM00016	THERMAL MACHINES - Fabio Jose Bento Brum - PhD			8.5	ZE.	45	5 15	0	
VEM00048	RENEWABLE ENERGY SOURCES: FUEL CELLS - Fabio Jose Bento Brum - PhD		-\.	7.5		60	0	0	1 st /2022
VEP00025	PRODUCT DEVELOPMENT METHODOLOGY - Silvio Sergio Silveira de Siqueira - MASTER			9.0		60	0 0	0	
VEM00018	MATERIAL SELECTION - Marcos Flavio de Campos - PhD		8.5		30	30	0		
VEM00033	SPECIAL TOPICS IN EQUIPMENT I - Antonio Jose Oliveira Cabral - PhD			7.4		60	0 0	0	
VEP00004	PSYCHOLOGY AND APPLIED SOCIOLOGY - Rosane Barbosa Marendino - PhD			9.5		60	0 0	0	
VGM00014	EXTENSION ACTIVITIES			AC		///	60		2 nd /2022
VEM00021	FINAL PROJECT OF MECHANICS ENGINEERING - Fabio Jose Bento Brum - PhD	G I		10.0		0	60	0	4
VEM00022	FINAL PROJECT OF MECHANICS ENGINEERING - Fabio Jose Bento Brum - PhD	G II		9.5		0	120	0	
VGM00013	TUTORING			AC		7 3	60		-
VEM00020	SUPERVISED INTERNSHIP IN MECHANICAL EN THE STUDENT IS NOT ELIGIBLE TO PARTICIPATE IN EVALUATIVE CYCLE CALENDAR) THE	10.0		0	0	160	
	GRADUATED								
h.	12/3	MONITORING	1111		1	-	2		
Code	TITLE	PERIOD		SUBJEC	T(S)				1
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		APPLIED PR	OJECT	12/31/2022	
		20/1/2/	11.		32,617/
L	TOTAL CRED	OITS: 0	TOTAL CREDIT HOURS:	3820	GRADE POINT AVERAGE: 8.2

05/03/2022 -

NOTES:

-NUMBER OF HOURS DISCRIMINATED: T - THEORIES - P - PRACTICES - E - INTERSHIP

THE DIFFUSION OF FLUID MECHANICS

VS- SUPPLEMENTARY VERIFICATION

FAILURE IN SUBJECTS ARE NOT INCLUDED IN THIS DOCUMENT BUT ARE FACTORED INTO THE CALCULATION OF THE GPA

AC- SUPPLEMENTARY ACTIVITY

MINIMUM GRADE FOR APPROVAL: 6.0 (GP OR VS)

-DISP- EXEMPTION

VEMP001 2

RECORDS WITH *: REGISTRATION WAS NOT MANDATORY AT THE TIME OF TERMINATION OF ENROLLMENT OF THE STUDENT

AUTHORIZED ACT OF INSTITUTIONAL REACCREDITATION MEC AUTHORIZED ACT OF DISTANCE LEARNING INSTITUTIONAL Ordinance No. 144, dated 27/02/2013, published in the Federal Official Gazette REACCREDITATION MEC Ordinance No. 457, dated 16/05/2018, on 28/02/2013, Section 1, p.33 published in the Federal Official Gazette on 17/05/2018, Section 1,

p.12

Signed by: MAYRA CAVALCANTI MARTINS/3138775

COMPLETION DATE

VEM00010 - FLUID MECHANICS I

12/22/2022

03/03/2023 DATE OF THE GRADUATION

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175

SHEET

TRANSLATION No. 53293

The authenticity of this transcript can be verified at:

BOOK No. 358

CEREMONY DEGREE ISSUING DATE 03/30/2023

[QR CODE]

DATE OF ISSUANCE OF THE

03/30/2023 HISTORY PAGE 175/6

https://app.uff.br/graduacao/diploma/validacao_historico/ 572.c09ec4ff9585

NOTHING ELSE was written on the above document, which I return with this translation typed in four (4) pages and that I checked, found in accordance, and signed (Emol.: R\$ 638,70 - Recibo 2857 JUCESP). São Paulo, December 6, 2023.





5 pages - Dates and times based in Brasilia, Brazil **Synchronized with NTP.br and National Observatory (ON)**Certificate of signatures generated in 06 de December de 2023,

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06 Dec 2023, 14:56:13

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