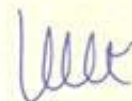




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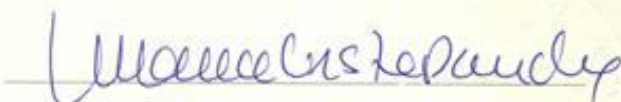


This document CERTIFIES that the Student JOAQUIM GONÇALVES GARCIA BARRETO CAMPOS, with Identity Card Num. 14291858, and PORTUGUESE nationality, in the degree in INTEGRATED MASTER DEGREE (MSC) in ELECTRICAL AND COMPUTER ENGINEERING, has successfully completed the following courses:

Courses	ECTS Credits	IST Grade*	ECTS Grade	Execution Year
LINEAR ALGEBRA	6.0	15	B	2013/2014
DIFFERENTIAL AND INTEGRAL CALCULUS I	6.0	16	A	2013/2014
PORTFÓLIO MEEC	6.0	15	B	2013/2014
CHEMISTRY	6.0	18	A	2013/2014
DIGITAL SYSTEMS	6.0	17	A	2013/2014
COMPUTER ARCHITECTURE	6.0	18	A	2013/2014
DIFFERENTIAL AND INTEGRAL CALCULUS II	7.5	16	A	2013/2014
MANAGEMENT	4.5	16	B	2013/2014
MECHANICS AND WAVES	6.0	14	B	2013/2014
PROGRAMMING	6.0	15	C	2013/2014
ALGORITHMS AND DATA STRUCTURES	6.0	15	B	2014/2015
COMPLEX ANALYSIS AND DIFFERENTIAL EQUATIONS	7.5	17	A	2014/2015
CIRCUIT ANALYSIS	6.0	19	A	2014/2015
ELECTROMAGNETISM AND OPTICS	6.0	18	A	2014/2015
COMPUTATIONAL MATHEMATICS	4.5	15	B	2014/2015
THEORETICAL FOUNDATIONS OF ELECTRICAL ENGINEERING	6.0	15	B	2014/2015
ELECTRONIC FUNDAMENTALS	6.0	18	A	2014/2015



PROBABILISTIC AND STATISTICS	6.0	16	A	2014/2015
SIGNALS AND SYSTEMS	6.0	17	A	2014/2015
THERMODYNAMICS AND THE STRUCTURE OF MATTER	6.0	19	A	2014/2015
AUTOMATIC CONTROL	7.5	18	A	2015/2016
ELECTRONICS I	7.5	16	A	2015/2016
FUNDAMENTALS OF ELECTRICAL POWER SYSTEMS	7.5	15	B	2015/2016
FUNDAMENTALS OF TELECOMMUNICATION	7.5	14	B	2015/2016


 Maria Cristina de Oliveira Santos Matos David Ezra
 Coordinator of the Núcleo de Graduação

Instituto Superior Técnico, in Lisboa, 09 March 2016

*0 - 20

Student Num. 78956
 Request ID 5300/2016
 Verified by: _____



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Urgency.....	0.00 Eur	
Total	60.24 Eur	Page 2 of 2



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