



INSTITUTO
SUPERIOR
TÉCNICO

Stationery.. 0.24 Eur
Cert. Amount 70.00 Eur
Urgency..... 0.00 Eur
Total 70.24 Eur

57278



**Núcleo de
Graduação**

**Maria Cristina de Oliveira Santos Matos David Ezra,
Coordinator of the NÚCLEO DE GRADUAÇÃO of INSTITUTO SUPERIOR
TÉCNICO, TECHNICAL UNIVERSITY OF LISBON**

CERTIFIES that,

PEDRO FILIPE DE JESUS PEREIRA CUSTÓDIO -----

with Identity Card Nr. 12134420 -----

born in S. Sebastião da Pedreira, Lisboa -----

nationality PORTUGUESE -----

concluded the 2nd Cycle, of the course of INTEGRATED MASTER (MSC)
in BIOMEDICAL ENGINEERING, in 30 November 2010, with the final
grade of 17 (seventeen) values having received a total of 120.0
ECTS, has the right to the degree of Master in Biomedical
Engineering, having been issued the registry number 5686/ISTCM/11
with approval on the following curricular units:

COMPUTACIONAL BIOLOGY ----- 6.0 ECTS, with 16 (sixteen) values

BIOMECHANICS OF MOVEMENT --- 6.0 ECTS, with 15 (fifteen) values

BIOMOLECULAR AND CELLULAR ENGINEERING -----

----- 6.0 ECTS, with 16 (sixteen) values

INSTRUMENTATION AND SIGNAL ACQUISITION -----

----- 6.0 ECTS, with 16 (sixteen) values

COMPUTATIONAL MODELLING IN MECHANICS -----

----- 6.0 ECTS, with 14 (fourteen) values

BIOMATERIALS I ----- 6.0 ECTS, with 15 (fifteen) values

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TISSUE BIOMECHANICS ----- 6.0 ECTS, with 16(sixteen) values
 DECISION SUPPORT MODELS ---- 6.0 ECTS, with 17(seventeen) values
 DIGITAL SIGNAL PROCESSING -- 6.0 ECTS, with 15(fifteen) values
 IMAGIOLOGY TECHNIQUES ----- 6.0 ECTS, with 14(fourteen) values
 *APPLIED OPTOELECTRONICS IN MEDICINE -----
 ----- 4.0 ECTS, with 17(seventeen) values
 *BIOPHOTONICS ----- 4.0 ECTS, with 17(seventeen) values
 *DESIGN AND CONSTRUCTION OF MEDICAL DEVICES/PRACTICAL EXERCISES
 ----- 2.0 ECTS, with 17(seventeen) values
 *ELECTROMAGNETIC FIELD IN MEDICINE -----
 ----- 5.0 ECTS, with 17(seventeen) values
 *MEDICAL DEVICES AND EQUIPMENT -----
 ----- 5.0 ECTS, with 17(seventeen) values
 *NANOTECHNOLOGY ----- 4.0 ECTS, with 17(seventeen) values
 *OPTICS FOR BIOLOGY AND MEDICINE -----
 ----- 2.0 ECTS, with 16(sixteen) values
 *SOLID SUBSTANCES IN BIOLOGY AND MEDICINE -----
 ----- 2.0 ECTS, with 17(seventeen) values
 *THIN LAYERS IN MEDICINE AND LASER TECHNOLOGY -----
 ----- 2.0 ECTS, with 17(seventeen) values
 MASTER'S DISSERTATION IN BIOMEDICAL ENGINEERING -----
 ----- 30.0 ECTS, with 19(nineteen) values

 * Curricular Units hold in CZECH TECHNICAL UNIVERSITY IN PRAGUE

Maria Cristina de Oliveira Santos Matos David Ezra

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

Instituto Superior Técnico, in Lisboa, 05 April 2011

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[Signature]

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