



UNIVERSIDAD DE BURGOS

PERSONAL TRANSCRIPT OF GRADES

IT IS HEREBY CERTIFIED:

That according to the documents on file in the Office of the Registrar of this Institute, Mr. Alejandro Ortega Martínez, born in BURGOS (Burgos), Spain, holding National ID/NIE/Passport number 71309400Q, gained access to university studies with passing the Spanish university entrance examinations (PAAU) taken in the Universidad de Burgos in the examination session dated of June of 2018 with the following qualification 11,326 and has successfully completed the courses listed below in the following programme of studies:

Bachelor's Degree in Computer Science Engineering (University of Burgos)

Subject (credits / type)	Academic year	Mark
6344 DEONTOLOGICAL & LEGAL FUNDAMENTALS OF IT 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	E 7,5 Good
6345 LINEAR ALGEBRA 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	E 8,3 Good
6346 BASIC COMPUTING 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	F 8,3 Good
6347 PHYSICS FOR COMPUTER SCIENCE 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	E 8,0 Good
6348 DISCRETE MATHEMATICS 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	E 7,5 Good
6349 ENGLISH FOR COMPUTING 6,0 credits (Compulsory subject, First year)	2018/19	Y 8,6 Good

Subject (credits / type)	Academic year	Mark
6350 CALCULUS 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	Y 6,5 Pass
6351 PROGRAMMING 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	Y 8,0 Good
6352 COMPUTER FUNDAMENTALS 6,0 credits (Basic studies, First year) Branch of knowledge: Engineering and Architecture	2018/19	Y 7,7 Good
6353 OPERATING SYSTEMS 6,0 credits (Compulsory subject, First year)	2018/19	J 7,0 Good
6354 PROGRAMMING METHODOLOGY 6,0 credits (Compulsory subject, Second year)	2019/20	E 7,3 Good
6355 STATISTICS 6,0 credits (Basic studies, Second year) Branch of knowledge: Engineering and Architecture	2019/20	E 9,0 Very Good
6356 SOFTWARE ENGINEERING 6,0 credits (Compulsory subject, Second year)	2019/20	E 8,2 Good
6357 DATABASES 6,0 credits (Compulsory subject, Second year)	2019/20	E 9,6 Excellent with honors
6358 COMPUTER ARCHITECTURE 6,0 credits (Compulsory subject, Second year)	2019/20	E 7,9 Good
6359 DATA STRUCTURES 6,0 credits (Compulsory subject, Second year)	2019/20	Y 7,9 Good
6360 COMPUTER NETWORKS 6,0 credits (Compulsory subject, Second year)	2019/20	Y 7,9 Good
6361 HUMAN COMPUTER INTERACTION 6,0 credits (Compulsory subject, Second year)	2019/20	Y 6,9 Pass
6362 FUNDAMENTALS OF ENTERPRISE MANAGEMENT 6,0 credits (Basic studies, Second year) Branch of knowledge: Engineering and Architecture	2019/20	Y 9,3 Very Good
6363 SYSTEMS ANALYSIS & DESIGN 6,0 credits (Compulsory subject, Second year)	2019/20	Y 7,7 Good

Subject (credits / type)	Academic year	Mark
6364 PARALLEL ARCHITECTURES 6,0 credits (Compulsory subject, Third year)	2020/21	E 7,5 Good
6365 INTELLIGENT SYSTEMS 6,0 credits (Compulsory subject, Third year)	2020/21	E 7,4 Good
6366 PROJECT MANAGEMENT 6,0 credits (Compulsory subject, Third year)	2020/21	E 8,8 Good
6367 SYSTEMS AND NETWORK DESIGN AND MANAGEMENT 6,0 credits (Compulsory subject, Third year)	2020/21	F 6,0 Pass
6368 LANGUAGE PROCESSORS 6,0 credits (Compulsory subject, Third year)	2020/21	E 7,6 Good
6369 CONCURRENT AND REAL-TIME PROGRAMMING 6,0 credits (Compulsory subject, Third year)	2020/21	ENROLLED
6370 INFORMATION SYSTEMS SECURITY 6,0 credits (Compulsory subject, Third year)	2020/21	ENROLLED
6371 DATABASE APPLICATIONS 6,0 credits (Compulsory subject, Third year)	2020/21	ENROLLED
6372 ALGORITHMS 6,0 credits (Compulsory subject, Third year)	2020/21	ENROLLED
6373 NUMERICAL METHODS AND OPTIMIZATION 6,0 credits (Compulsory subject, Third year)	2020/21	ENROLLED

SUMMARY OF ACADEMIC RECORD

The total amount of passed subjects included in this certificate is 25 out of a total of 150 credits as detailed below:

Credits passed by type	Passed
Basic studies	60,0
Compulsory subject	90,0
Grade point average of the subjects listed on this certificate.	
	7,856

Grade point average Real Decreto 1125/2003 (5 - 10)

The key to the sittings is as follows: **E**: January, **F**: February, **J**: June, **Y**: May.

BURGOS, March 26th, 2021.

This certificate contains 4 pages.

- (1) Facultad/escuela y código de la asignatura
School/college or degree title and course code
- (2) Nombre de la asignatura en español y traducción oficial de la asignatura al inglés (ver versión inglesa de la Guía ECTS)
Original name of the course in Spanish and English translation according to the English version of the ECTS Information Package

- (3) Duración de la asignatura *Duration of the course unit:*
 Y= anual Y= full year
 1S= 1 cuatrimestre 1S= 1 semester
 2S= 2 cuatrimestres 2S= 2 semesters
 1T= 1 trimestre 1T= 1 term
 2T= 2 trimestres 2T= 2 terms

- (4) Descripción del sistema de notas español: el sistema de notas español está basado en una escala del 0-10, con un 5 como nota mínima para aprobar una materia. El nombre de las notas en español es:

Matrícula de honor (resultado extraordinarios; nota otorgada sólo excepcionalmente)
 Sobresaliente (muy buen trabajo, con tan solo pequeñas deficiencias)
 Notable (buen trabajo general, con algunas deficiencias)
 Aprobado (suficiente, pero con importantes deficiencias)
 Suspenso (se necesita más trabajo para superar la asignatura)

Description of the Spanish grading system: The Spanish grading system is based on a 0-10 scale, being 5 the minimum pass-grade to receive credits. The names of the grades in Spanish are:

Matrícula de honor (outstanding performance; this grade is only exceptional)
Sobresaliente (excellent work, with only some minor errors)
Notable (very good work, with a few errors)
Aprobado (from pass to fair, but with significant shortcomings)
Suspenso (fail, considerable further work is required)

- (5) Escala de notas ECTS (según la V Reunión Plenaria ECTS)
ECTS-facilitating scale (as defined at the 5th-ECTS Plenary Meeting)

excelente	A	<i>excellent</i>
muy bien	B	<i>very good</i>
bien	C	<i>good</i>
satisfactorio	D	<i>satisfactory</i>
suficiente	E	<i>sufficient</i>
suspenso compensable	FX	<i>marginal fail</i>
suspenso	F	<i>fail</i>

- (6) Créditos ESP/*Spanish Credits*

- (7) Créditos ECTS *ECTS Credits*
- | | | | |
|--------------------------|-------------|-----------------------------|-------------------|
| 1 año académico completo | 60 créditos | <i>1 full academic year</i> | <i>60 credits</i> |
| 1 semestre | 30 créditos | <i>1 semester</i> | <i>30 credits</i> |
| 1 trimestre | 20 créditos | <i>1 term / trimester</i> | <i>20 credits</i> |