



# TRANSCRIPT

## 1. Mobility - student information

1.1 Name of student : ISAAC BERNAT CASI  
1.2 DNI/NIF : 38850445H  
1.3 Syllabus : DEGREE IN INFORMATICS ENGINEERING

## 2. Courses attended

### 2.1 Semester-long modules

Semester	Topic	Assesment	Local Grade	ECTS Grade	ECTS Credits
2006(1)	PROGRAMMING 1	WE	5.7	D	7.2
	ALGEBRA		3.5	F	7.2
	PHYSICS		NP	F	7.2
	INTRODUCTION TO COMPUTERS		7.8	B	6.0
2006(2)	ALGEBRA	WE	6.5	B	7.2
	PHYSICS		5.0	D	7.2
	PRACTICALS IN PROGRAMMING		5.0	D	6.0
	COMPUTER STRUCTURE I		6.2	C	7.2
	INTRODUCTION TO LOGIC		NP	F	6.0
2007(1)	CALCULUS		5.0	D	7.2
	PERIPHERALS AND INTERFACES		6.5	C	4.8
	PROGRAMMING AND DATA STRUCTURES		5.4	D	6.0
	INTRODUCTION TO LOGIC		5.8	C	6.0
2007(2)	DISCRETE MATHEMATICS		6.0	C	7.2
	COMPUTER STRUCTURE 2		6.0	D	6.0
	STATISTICS		6.3	C	7.2
	ANALYSIS AND DESIGN OF ALGORITHMS		2.7	F	6.0
2008(1)	ANALYSIS AND DESIGN OF ALGORITHMS		8.1	A	6.0
	DATABASES		5.3	D	7.2
	OPERATING SYSTEMS		5.8	C	7.2
	VIDEO GAMES		8.2	B	3.6
	SOFTWARE ENGINEERING I		3.1	F	6.0
	PROGRAMMING PROJECT		8.3	B	4.8
	SOCIAL AND ENVIRONMENTAL ASPECTS OF INFORMATION TECHNOLOGY		8.5	A	6.0
2008(2)	SOFTWARE ENGINEERING I		5.8	C	6.0
	OPERATING SYSTEMS PROJECT		7.0	D	6.0
	OPERATING SYSTEM ADMINISTRATION		6.1	D	4.8
	COMPUTER NETWORKS		5.4	C	7.2
	BUSINESS AND ECONOMIC ENVIRONMENT		MH	A	6.0



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# TRANSCRIPT

## 2. Courses attended

### 2.1 Semester-long modules

Semester	Topic	Assesment	Local Grade	ECTS Grade	ECTS Credits
2009(1)	ARTIFICIAL INTELLIGENCE		5.9	C	7.2
	COMPUTER ARCHITECTURE		5.0	D	7.2
	THEORY OF COMPUTATION		5.0	D	7.2
	COMPUTER NETWORKS PROJECT		7.5	C	4.8
	DATA MINING		7.9	B	6.0
2009(2)	SIMULATION		8.2	B	6.0
	SOFTWARE ENGINEERING II		3.8	F	7.2
	COMPILERS		NP	F	7.2
	INFORMATION SYSTEMS FOR ORGANISATIONS		7.7	B	6.0
	AWARENESS OF ARCHITECTURE IN PROGRAMMING		9.7	A	6.0
2010(1)	SOFTWARE ENGINEERING II		6.1	C	7.2
	DATABASE DESIGN AND ADMINISTRATION		7.6	B	6.0
	SOFTWARE ENGINEERING AND DATABASES PROJECT		8.4	C	6.0
	VISUALISATION AND GRAPHIC INTERACTION		5.1	D	6.0
	COMPILERS		5.7	D	7.2
2010(2)	ENGINEERING OF REQUIREMENTS		10.0	A	6.0
	VIABILITY OF BUSINESS PROJECTS		8.3	B	6.0
	DECISION MAKING AND PROJECT MANAGEMENT IN BUSINESS		7.2	B	6.0
	PLANNING AND MANAGEMENT OF INFORMATION TECHNOLOGY PROJECTS A		7.6	C	6.0
2011(1)	FINAL THESIS		MH	A	30.0

Credits received:

2007(2)	Complementary training	PASS	3.0
	Languages	PASS	12.0
2008(1)	Complementary training	PASS	3.5
2008(2)	Complementary training	PASS	5.0
2009(1)	Complementary training	PASS	1.0
2010(1)	Complementary training	PASS	1.0





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Total credits obtained : 312,3

Signed : RAMON NONELL TORRENT, Registrar

Date : Barcelona, 29 August 2013





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## Key to grading scheme

ECTS Grade	% of successful students normally achieving the grade	Definition
A	10	EXCELLENT: outstanding performance with only minor errors
B	25	VERY GOOD: above the average standard but some errors
C	30	GOOD: generally sound work with a number of notable errors
D	25	SATISFACTORY: fair but with significant shortcomings
E	10	SUFFICIENT: performance meets the minimum criteria
FX	--	MARGINAL FAIL: some work required before the credit can be awarded
F	--	FAIL: Considerable further work is required

## Key to assessment scheme

C : Coursework	TP : Theoretical / Practical Exam
GW : Group Work	WE : Written Exam
IP : Individual Project	WW : Written Work
PC : Practical Case	

## Key to local grade (from 0 to 10)

MH Honors (is given on exceptional occasions)

from 9 to 10.0 Excellent

from 7 to 8.9 Very good

from 5 to 6.9 Satisfactory

from 4 to 4.9 Marginal Fail

from 0 to 3.9 Fail

NP Not examined

R Recognition



RAMON NONELL TORRENT

As Registrar of the Barcelona School of Informatics of the Universitat Politècnica de Catalunya.

I HEREBY  
CERTIFY:

That the subjects listed in the official academic transcript of **ISAAC BERNAT CASI**, whose DNI/NIF is **38850445H**, comprise the complete study programme for DEGREE IN INFORMATICS ENGINEERING (curriculum 2003) that ended on 19 June 2012.

The fee for the certificate was paid on the 27 September 2012.

The average mark obtained in the course of study is 1,757 points, according to the following scale:

- Distinction 4 points
- Excellent 3 points
- Very Good 2 points
- Satisfactory 1 point

In witness whereof, I issue the present document to all corresponding effects at the request of the interested party.

Barcelona, 29 August 2013

  
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 Àrea de Gestió Acadèmica  
RAMON NONELL TORRENT