I.T.T.-S.E. THIRD YEAR (All credits are ECTS credits)

Code	Term	MODULE's NAME	Type	Cred.	Theo	Lab
13124	Both	Electronic Control Systems	CO	9	6	3
13111	Both	Introduction to Power Electronics	CP	9	6	3
13106	1st	Fundamentals on communication electronics	CP	6	4.5	1.5
13119	2nd	Projects	CO	6	4.5	1.5
13118		Final Project	CP	15	0	15
		Elective	EL	10.5		
		Free Choice	FC	15		
		TOTAL		70.5		

ELECTIVE SUBJECTS (All credits are ECTS credits)

Code	MODULE's NAME	Term	Year	Cred.	Theo	Lab
13112	Intro. to Programmable Logic Controllers	1st	2nd	7.5	4.5	3
12510	Economy and industrial organization	1st	2nd	6	6	0
13115	Mathematical methods for engineering	1st	2nd	6	4.5	1.5
13123	Power supply electronic systems	2nd	2nd	7.5	4.5	3
13029	Programming tools	2nd	2nd	4.5	1.5	3
13129	Multimedia information processing	1st	3rd	4.5	3	1.5
13113	Introduction to telecommunication systems	1st	3rd	4.5	4.5	0
13121	Remote Sensing Systems	1st	3rd	4.5	3	1.5
13107	Assessment and Quality Control in Electr.	1st	3rd	6	6	0
13098	Optical communications	1st	3rd	4.5	3	1.5
13126	Distributed industrial systems	2nd	3rd	6	3	3
13122	Electronic systems with microprocessors	2nd	3rd	6	3	3
13120	Data Transmission Networks	2nd	3rd	6	3	3
13096	Power electronic devices	2nd	3rd	6	4.5	1.5
13117	Microwaves and antennas	2nd	3rd	6	4.5	1.5
13109	Virtual instrumentation	2nd	3rd	6	3	3

4.- Information about Valencia

General info about the Univ of Valencia: http://www.uv.es/dise/en/index.html
General information about the city: http://www.uv.es/~anamat/valencia.html
Municipality of Valencia: http://www.ayto-valencia.es/

VNIVERSITAT D̶ VALÈNCIA
EscolaTècnicaSuperiord'Enginyeria
Departament d´Enginyeria Electrònica

BACHELOR ENGINEERING IN TELECOMMUNICATIONS (ELECTRONIC SYSTEMS)
I.T.T.-S.E.

VNIVERSITAT D̶ VALÈNCIA

ACADEMIC YEAR 2004/2005

Table of Contents

1. **Structure and organization of curriculum**
2. **Professional Skills**
3. **Subject´s Map**
4. **Information about Valencia**

1.- Structure and organization of curriculum

Degree: Bachelor Engineering in Telecommunications specialising in Electronic Systems.
Cycle: First (B.Eng.)

Minimal Period of Lectures: 3 years.
First semester: last week of September until mid February
Second semester: mid February until end of June

Arrangement of the degree in credits: (1 ECTS = 10 hours)

Credits' arrangement		ECTS
CORE	(CO)	105
COMPULSORY	(CP)	40.5
ELECTIVE	(EL)	25.5
FREE CHOICE	(FC)	21
FINAL CAREER PROJECT		15
Total:		**207**

Note: All students must attend to the whole core and compulsory subjects. They must select optional modules in order to fulfil the required 25.5 credits.
Free choice can be chosen out of any subject proposed in any degree at Univ de Valencia.

New Access Vacancies per year: **110**

Information for Socrates-Erasmus students coming to this study plan

- o For regular course subjects, tuition language is Spanish.
- o Some subjects take two semesters, some others are taught only during 1st or 2nd semester (see included tables below).
- o There exists the possibility to make the exchange for the Final Project. In this case, the language can be English.
- o Stages can be done for the whole academic year or they might take one semester (elected by the student).

Location:
Facultad de Física. Campus of Burjassot-Paterna. University of Valencia
Departamento de Ingeniería Electronica.
Phone.: +34 96 3160450   Fax.: +34 96 3160466
Web: **http://www.uv.es/~ingelec/visitors/index.html**
        http://centros.uv.es/web/centros/etse/ingles

Contact persons:
Degree coordinator: Enrique Maset. e-mail: Enrique.Maset@uv.es
Socrates coordinators: Javier Calpe.   e-mail: Javier.Calpe@uv.es
                        Alfredo Rosado: e-mail: Alfredo.Rosado@uv.es

2.- Professional Skills

The Bachelor Engineering Degree in Telecommunications (Electronic Systems) in the University of Valencia is a cluster of terms intended to train Technical Engineers, well-qualified for the electronic industry market and R&D activities, ready to analyse and solve technological challenges, ready to get involved and develop research projects.

The Bachelor Engineering Degree in Telecommunication (Electronic Systems) in the University of Valencia will be trained in Electronic Circuits Design, Digital Signal Processing, Telematics, Power Electronics, etc., and will be able to directly access the Electronic Engineer Degree (two years).

3.- Subject's Map

I.T.T.-S.E. FIRST YEAR (All credits are ECTS credits)

Code	Term	MODULE's NAME	Type	Cred.	Theo	Lab
13104	both	Mathematical Analysis for Eng.	CO	12	12	0
13100	both	Analogue electronics I	CO	12	7.5	4.5
13095	both	Analysis of Circuits and Linear Systems	CO	9	7.5	1.5
13097	both	Digital Electronic Devices and Circuits	CO	10.5	6	4.5
12755	1st	Computing	CP	6	3	3
13103	2nd	Principles of Physic for Engineers	CO	6	6	0
13102	2nd	Electronic Devices	CO	6	3	3
		Elective	EL	6		
		TOTAL		**67.5**		

I.T.T.-S.E. SECOND YEAR (All credits are ECTS credits)

Code	Term	MODULE's NAME	Type	Cred.	Theo	Lab
13125	Both	Digital Electronic Systems	CO	12	7.5	4.5
13110	Both	Instrumentation and Electronic Equipment	CO	10.5	6	4.5
13127	Both	CAD	CP	6	0	6
13105	1st	Fundamentals of Computers Architecture	CO	6	3	3
13114	1st	Introduction to Digital Signal Processing	CP	7.5	4.5	3
13116	2nd	Microelectronics	CO	6	3	3
13101	2nd	Analogue electronics II	CP	6	4.5	1.5
		Elective	EL	9		
		Free Choice	FC	6		
		TOTAL		**69**		