CTESP I CURSO TÉCNICO SUPERIOR PROFISSIONAL

SISTEMAS DE TELECOMUNICAÇÕES, ELETRÓNICA E COMUNICAÇÕES

Direction
Fernando Baltazar Moreira Duarte

Number of Semesters

4

ECTS
120

About
We live in a society that is constantly changing, where the strategic importance of voice, data and video communications networks, which are happening at an ever-increasing pace, has triggered the need to train technical specialists with knowledge of applications and the ability to understand and work effectively with professional equipment. This shortage

of technical staff hampers not only the ability of service providers to grow and develop, but also the creation of technology-based companies, which is why it is essential to train staff with comprehensive and unique knowledge of the area. Looking at the recent future scenarios of technological evolution, the creative industries and the IoT (Internet of Things), it can be seen that communications, electronics and telecommunications have a huge weight, and there is therefore a high need for staff able to carry out maintenance on all systems. The CTeSP in Telecommunications, Electronics and Communications Systems aims to provide students with the knowledge, skills and attitudes to plan, execute, manage, configure and carry out electronic, telecommunications, communications and telematic systems infrastructures with the integration of voice, data and video services in a comprehensive and articulated way, aspiring to develop and expand ¿knowledge¿ and ¿know-how¿ and respond effectively to the needs of organizations.

Course Plan

1º Ano / No Branch

Program	ECTS
Circuit Analysis	5 ECTS
Computer Tools	3 ECTS
Digital Systems	5 ECTS
English in a Professional Context	3 ECTS
General Physics	4 ECTS
Mathematics I	7 ECTS
Operating Systems	4 ECTS
Computer Networks I	5 ECTS

Program	ECTS
Electronics I	6 ECTS
Introduction to Entrepreneurship, Innovation and Technology Transfer	3 ECTS
Introduction to Telecommunications	5 ECTS
Mathematics II	5 ECTS
Microcontrollers	5 ECTS

2º Ano / No Branch

Program	ECTS
Computer Networks II	5 ECTS
Data Acquisition and Processing Electronics	5 ECTS
Electronics II	5 ECTS
ITED installation	7 ECTS
Mobile Networks	3 ECTS
Telecommunications Systems	5 ECTS
Traineeship	30 ECTS