



CURRICULUM for

- **Telecom Installations**
- **Electrical and Automatic Installations**

VOCATIONAL TRAINING

Formación Profesional

is organized in three stages in the
Spanish Educational System



Ciclos de Formación Profesional Básica
Basic grade Vocational Training

For students with special needs.

(14 years)

New

Ciclos formativos de Grado Medio
Medium grade Vocational Training

Access after Compulsory Secondary

(16 years)

Ciclos formativos de Grado Superior
Superior grade Vocational Training

Access after High School

(18 years)

A lot of different **Vocational Training Courses** from several fields are organized in **Professional Families**

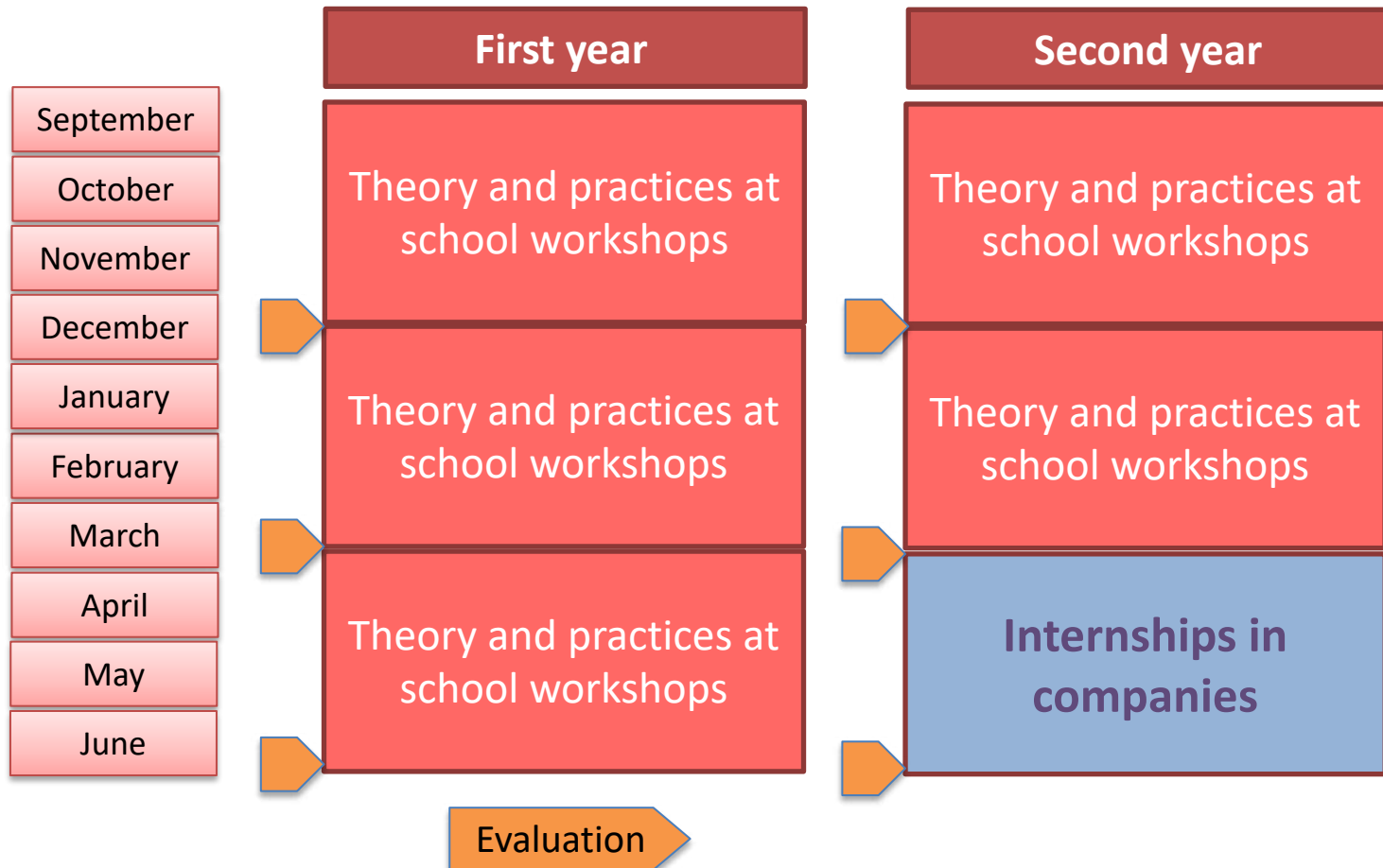
FAMILIAS PROFESIONALES



ACTIVIDADES FÍSICAS Y DEPORTIVAS
ADMINISTRACIÓN Y GESTIÓN
AGRARIA
ARTES GRÁFICAS
ARTES Y ARTESANIA
EDIFICACIÓN Y OBRA CIVIL
ELECTRICIDAD Y ELECTRÓNICA
ENERGIA Y AGUA
FABRICACIÓN MECÁNICA
HOSTELERIA Y TURISMO
IMAGEN PERSONAL
IMAGEN Y SONIDO

INDUSTRIAS ALIMENTARIAS
INDUSTRIAS EXTRACTIVAS
INFORMÁTICA Y COMUNICACIONES
INSTALACIÓN Y MANTENIMIENTO
MADERA, MUEBLE Y CORCHO
MARÍTIMO PESQUERA
QUÍMICA
SANIDAD
SEGURIDAD Y MEDIO AMBIENTE
SERVICIOS SOCIOCULTURAES Y A LA COMUNIDAD
TEXTIL, CONFECCIÓN Y PIEL
TRANSPORTE Y MANTENIMIENTO DE VEHÍCULOS
VIDRIO Y CERÁMICA

All Vocational Training Courses are two years and with same structure



Within the professional family of **Electrics and Electronics**, our school offers two medium grades of Vocational Training

Technical on Telecommunication Installations



Technical on Electrical and Automation Installations

Technical on Telecommunication Installations

First year

- Microcomputer equipments – 4 hours p.w.
- Basic electric installations – 6 hours p.w.
- Applied electronics – 6 hours p.w.
- Common telecom installations – 4 hours p.w.
- Data networking and telephony systems – 7 hours p.w.
- Job guidance and training – 3 hours p.w.

Second year

- Sound installations – 7 hours p.w.
- Radiocommunication installations – 7 hours p.w.
- CCTV and Electronic Security – 7 hours p.w.
- Home automation (domotic) installations – 6 hours p.w.
- Entrepreneurship – 3 hours p.w.
- Internships in companies – 3th trimester

Subjects



Technical on Electrical and Automation Installations

Subjects

First year

- Electrical indoors installations – 9 hours p.w.
- Industrial automation – 9 hours p.w.
- Electronic – 3 hours p.w.
- Electrotechnic– 6 hours p.w.
- Job orientation and training – 3 hours p.w.

Second year

- Electric machines – 6 hours p.w.
- Energy distribution installations – 6 hours p.w.
- Solar photovoltaic installations – 3 hours p.w.
- Common telecom installations – 6 hours p.w.
- Home automation (domotic) installations – 6 hours p.w.
- Entrepreneurship – 3 hours p.w.
- Internships in companies– 3th trimester



Weekly Timetable

1st year – Telecom Installations

	MONDAY	TUESDAY	WEDNESD	THURSDAY	FRIDAY
08'00 – 08'55	Data networking and telephony systems	Basic Electric Installations	Common telecom installations	Basic Electric Installations	Basic Electric Installations
08'55 – 09'50	Data networking and telephony systems	Basic Electric Installations	Common telecom installations	Basic Electric Installations	Basic Electric Installations
09'50 – 10'45	Data networking and telephony systems	Common telecom installations	Job guidance and training	Job guidance and training	Applied electronics
10'45 – 11'15	B R E A K				
11'15 – 12'10	Applied electronics	Common telecom installations	Microcomputer equipments	Data networking and telephony systems	Applied electronics
12'10 – 13'05	Applied electronics	Microcomputer equipments	Microcomputer equipments	Data networking and telephony systems	Job guidance and training
13'05 – 14'00	Applied electronics	Microcomputer equipments	Applied electronics	Data networking and telephony systems	Data networking and telephony systems

Weekly Timetable

2nd year – Telecom Installations

	MONDAY	TUESDAY	WEDNESD	THURSDAY	FRIDAY
08'00 – 08'55	Entrepreneurship	Sound installations	Radiocomunication installations	Home automation (domotic) installations	Entrepreneurship
08'55 – 09'50	Sound installations	Sound installations	Radiocomunication installations	Home automation (domotic) installations	Radiocomunication installations
09'50 – 10'45	Sound installations	Entrepreneurship	Radiocomunication installations	Home automation (domotic) installations	Home automation (domotic) installations
10'45 – 11'15	B R E A K				
11'15 – 12'10	CCTV and Electronic Security	Radiocomunication installations	CCTV and Electronic Security	CCTV and Electronic Security	Home automation (domotic) installations
12'10 – 13'05	CCTV and Electronic Security	Radiocomunication installations	CCTV and Electronic Security	Sound installations	Home automation (domotic) installations
13'05 – 14'00	CCTV and Electronic Security	Radiocomunication installations	CCTV and Electronic Security	Sound installations	Sound installations

Weekly Timetable

1st year – Electrical and Automation Installations

	MONDAY	TUESDAY	WEDNESD	THURSDAY	FRIDAY
08'00 – 08'55	Industrial automation	Electrotechnic	Electrical indoors installations	Electrotechnic	Electronic
08'55 – 09'50	Industrial automation	Electrotechnic	Electrical indoors installations	Electrotechnic	Job guidance and training
09'50 – 10'45	Industrial automation	Industrial automation	Electrical indoors installations	Electrotechnic	Electrical indoors installations
10'45 – 11'15	B R E A K				
11'15 – 12'10	Electrical indoors installations	Industrial automation	Industrial automation	Job guidance and training	Electrical indoors installations
12'10 – 13'05	Electrical indoors installations	Industrial automation	Industrial automation	Electronic	Electrical indoors installations
13'05 – 14'00	Electrical indoors installations	Job guidance and training	Industrial automation	Electronic	Electrotechnic

Weekly Timetable

2nd year – Electrical and Automation Installations

	MONDAY	TUESDAY	WEDNESD	THURSDAY	FRIDAY
08'00 – 08'55	Common telecom installations	Energy distribution installations	Home automation (domotic) installations	Electric machines	Electric machines
08'55 – 09'50	Entrepreneurship	Energy distribution installations	Home automation (domotic) installations	Electric machines	Electric machines
09'50 – 10'45	Solar photovoltaic installations	Energy distribution installations	Home automation (domotic) installations	Common telecom installations	Energy distribution installations
10'45 – 11'15	B R E A K				
11'15 – 12'10	Home automation (domotic) installations	Entrepreneurship	Common telecom installations	Common telecom installations	Energy distribution installations
12'10 – 13'05	Home automation (domotic) installations	Electric machines	Common telecom installations	Solar photovoltaic installations	Energy distribution installations
13'05 – 14'00	Home automation (domotic) installations	Electric machines	Common telecom installations	Solar photovoltaic installations	Entrepreneurship

FAQs about our Vocational Training

Our VET train students to join the labour market. So they cannot continue in the University at the end of their courses. In case, they should study Bachillerato before.

VET students have not to pass any final or matura exam. They only have to pass all subjects to graduate.

Departments. There are several departments at school. One per each subject; and also a Vocational Department of Electrics and Electronics, formed by all vocational electro teachers.

Once students complete all subjects, they receive a graduation certificate that qualify them for a job or starting a business. Students also receive a certificate of training on “Labour Risks Prevention”, which is compulsory for any job.

FAQs about our Vocational Training

In Spain there are many private schools for Secondary and Bachillerato; but it is really rare a Vocational private school.

All equipment and resources for vocational workshops come from our government. There is not any extra collaboration of private companies for it.

Students can apply any public school to study Vocational Training. Students have to submit an application and with all the applicants, a scale is created according to, proximity to the school, family budget, etc. is elaborated.

Internships in companies are compulsory during 10 weeks and it works as one subject more of the curricula; it means that students have also to pass these traineeships in companies before graduation.

Santa
Lucía



Thank you
for watching