



## C.I.F.P. PICO FRENTE

TRAINING OFFER ORDERED BY FAMILIES:

### **MOTOR VEHICLES FAMILY:**

- Intermediate level VET cycle of Motor Vehicles Electro mechanics.
- Higher level VET cycle of Motor Vehicles.

### **ELECTRICAL FAMILY :**

- Intermediate level VET cycle of Electrical and Automatic Installations.
- Higher level VET cycle of Telecommunications and Computer Systems.

### **WOOD AND FURNITURE FAMILY**

- Intermediate level VET cycle of carpentry and furniture
- Higher level VET cycle of wood-processing and furniture.

### **INDUSTRIAL EQUIPMENT MAINTENANCE FAMILY .**

- Intermediate level VET cycle of Industrial Equipment Maintenance
- Higher level VET cycle of Industrial Equipment Maintenance.

### **ENERGY EFFICIENCY FAMILY**

- Higher level VET cycle of Energy Efficiency and Solar Thermal Energy.

## MOTOR VEHICLES FAMILY

### INTERMEDIATE LEVEL CYCLE: MOTOR VEHICLES ELECTRO MECHANICS.

#### OCUCUPATIONS ACCESSIBLE TO THE HOLDER OF DIPLOMA:

- Vehicles electronics technician
- Motor vehicles mechanic
- Motor vehicles electrician
- Motor vehicles electro mechanic
- Mechanic of engines and their auxiliary systems in motor vehicles and motorcycles
- Pneumatic and hydraulic systems repairer
- Transmission and braking systems repairer
- Manager of Vehicles Compulsory Technical Inspection (MOT inspection)
- Vehicles accessories fitter
- Worker in a company responsible for the manufacture of vehicles spare parts
- Motorcycles electro mechanic
- Salesperson/distributor of vehicles spare parts and diagnostic equipment

#### PROFESSIONAL MODULES:

- Engines
- Engine Auxiliary Systems
- Fluids Circuits. Suspension and Steering
- Transmission and Braking Systems”
- Charging and Starting Systems”
- Auxiliary Electric Circuits of the Vehicle
- Safety and Comfort Systems
- Elementary Mechanization

- Professional Training and Guidance
- Business and Entrepreneurial Initiative
- On the Job training



### HIGHER LEVEL CYCLE: MOTOR VEHICLES

#### RANGE OF OCCUPATIONS ACESIBLE TO THE HOLDER OF THE DIPLOMA:

- Electro mechanics area manager
- Vehicles receiving operator
- Motor vehicles garage overseer
- Manager of Vehicles Compulsory Technical Inspection (MOT inspection)
- Vehicles valuation technician
- Service manager
- Spare parts area manager
- Manager in the commercial area of vehicle-related equipment
- Bodywork area manager: bodywork and paint

### PROFESSIONAL MODULES:

- **Electric, Safety and Comfort Systems**
- **Force Transmission Systems and Running Gear**
- **Heat Engines and Their Auxiliary Systems**
- **Non-structural Removable and Fixed Elements**
- **Surface Treatment and Coating**
- **Vehicle Structural Parts**
- **Vehicles Maintenance Management and Logistics**
- **Communication and Relationships Techniques**
- **Project on Motor Vehicles**
- **Professional Training and Guidance**
- **Business and Entrepreneurial Initiative**
- **On the Job training**

## ELECTRICITY AND ELECTRONICS

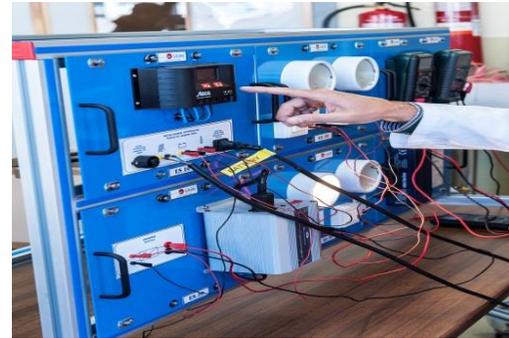
### INTERMEDIATE LEVEL CYCLE: ELECTRICAL AND AUTOMATIC INSTALLATIONS

#### RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA

- Electrical fitter-maintainer
- Buildings electrician
- Industrial electrician
- Maintenance electrician
- Home automation systems fitter-maintainer
- Aerial fitter-maintainer
- Telecommunications fitter in home buildings
- Telephone equipment and installations fitter-maintainer
- Photovoltaic solar energy installations fitter

#### PROFESSIONAL MODULES

- Industrial Automatism
- Electronics
- Electrotechnics
- Interior Electrical Installations
- Distributed Electrical Installations
- Common Telecommunication Infrastructures within Houses and Buildings
- Home Automation Installations
- Photovoltaic Solar Installations
- Electric Machines
- Professional Training and Guidance
- Business and Entrepreneurial Initiative
- On the Job training



### HIGHER LEVEL CYCLE: TELECOMMUNICATIONS AND COMPUTER SYSTEMS

#### RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA:

- Assistant designer in telecommunication installations for homes and buildings
- Assembly supervisor of telecommunication installations for homes and buildings.
- Technician in verification and control of telecommunication equipment and installations.
- Specialist in installation, integration and maintenance of telecommunications equipment and systems. Site manager in telecommunication installations
- Technician in supervision, installation, testing and control of equipment systems in radio and television production studios and audiovisual production systems
- Technician in supervision, installation, maintenance, testing and control of equipment broadcasting systems
- Technician in supervision, installation, maintenance, testing and control of equipment and electronic security systems CCTV
- Technician in supervision, installation, maintenance, verification and monitoring of local networks and electronic systems

- **Technician in supervision, installation, maintenance, monitoring and control in radio-relay systems.**
- **Specialist in integration, installation and maintenance of hardware and software systems**



#### **PROFESSIONAL MODULES:**

- **Configuration of Telecommunication System Infrastructures**
- **Elements of Telecommunications Systems**
- **Computer Systems and Local Networks**
- **Techniques and Processes in Telecommunication Infrastructures**
- **Audiovisual Production Systems**
- **Electronic networks**
- **Radiocommunication Systems**
- **Integrated Systems and Digital Home**
- **Management of Projects of Telecommunication Installations**
- **Systems of Fixed and Mobile Telephony**
- **Project on Telecommunications and Computer Systems**
- **Professional Training and Guidance**
- **Business and Entrepreneurial Initiative**
- **On the Job Training**

## WOOD, FURNITURE AND CORK

### INTERMEDIATE LEVEL CYCLE: JOINERY AND FURNITURE MAKING

#### RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA:

- Operator of fixed machinery for the manufacture of wooden products
- Press Operator
- Bench Operator-assembler
- Joinery Fitter-assembler
- Varnisher-lacquerer
- Finishing Area Manager



#### PROFESSIONAL MODULES:

- Construction Solutions
- Basic Joinery Operations
- Basic furniture making Operations
- Stock Control
- Technical Documentation
- Wood and By-products Machining
- Machining With Computer Numerical Controlled Machine Tools in Joinery and Cabinetmaking

- Joinery and Cabinet Assembly
- Joinery and Cabinetmaking Finishings
- Professional Training and Guidance
- Business and Entrepreneurial Initiative
- On the Job training



### HIGHER LEVEL CYCLE: DESIGN AND FURNISHING

#### RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA:

- Furniture design draftsman.
- Technician in development of woodworking and furniture products
- Carpentry and furniture designer.
- Business Manager in wooden furniture and other manufacturing companies
- Technician in quality control in wood and cork industries
- Responsible for technical office.
- Head of manufacture.
- Production Controller.
- Department manager.

## PROFESSIONAL MODULES:

- **Processes in Carpentry and Furniture Industries**
- **Manufacture in Carpentry and Furniture**
- **Representation in Carpentry and Furniture**
- **Prototypes in Carpentry and Furniture**
- **Product Development in Carpentry and Furniture**
- **Automation in Carpentry and Furniture**
- **Joinery and Furniture Installation**
- **Carpentry and Furniture Design**
- **Production Management in Carpentry and Furniture**
- **Project on Design and Furnishing**
- **Professional Training and Guidance**
- **Business and Entrepreneurial Initiative**
- **On the Job Training**



## ELECTROMECHANICAL MAINTENANCE

### INTERMEDIATE LEVEL CYCLE: Electromechanical Maintenance

#### RANGE OF OCCUPATIONS ACCESIBLE TO THE HOLDER OF THE DIPLOMA:

- Maintenance Mechanic
- Industrial Fitter
- Electrical Equipment Fitter
- Electronic Equipment Fitter
- Automated Line Maintainer
- Capital Goods Fitter
- Hydraulic and Pneumatic Automatism Fitter
- Industrial Electrician Fitter
- Electrician of Maintenance and repair of control, media and precision equipment

#### PROFESSIONAL MODULES:

- Production Techniques
- Bonding and assembly techniques
- Electricity and electronic automatism
- Pneumatic and Hydraulic automatism
- Mechanical Assembly and Maintenance
- Electric-electronic Assembly and Maintenance
- Assembly and Maintenance of Automated Lines
- Professional Training and Guidance
- Business and Entrepreneurial Initiative
- On the Job Training

## HIGHER LEVEL CYCLE: INDUSTRIAL MECHATRONICS

#### RANGE OF OCCUPATIONS ACCESIBLE TO THE HOLDER OF THE DIPLOMA:

- Technician in planning and programming processes of maintenance of machinery installations and industrial equipment.
- Head Manager of assembly team of machinery installations and industrial equipment
- Head Manager of maintainers of machinery installations and industrial equipment



#### PROFESSIONAL MODULES:

- Industrial Mechatronics
- Hydraulic and Pneumatic Systems
- Electrical and Electronic Systems
- Machine Elements
- Manufacturing Processes
- Graphical Representation of Mechatronic Systems
- Configuration of Mechatronic Systems
- Processes and Management of Maintenance and Quality
- Integration of Systems
- Simulation of Mechatronic Systems
- Project on Industrial Mechatronics
- Professional Training and Guidance
- Business and Entrepreneurial Initiative
- On the Job Training

## ENERGY AND WATER

### HIGHER LEVEL CYCLE: ENERGY EFFICIENCY AND SOLAR THERMAL ENERGY \*

\* From course 2016/2017, this department offers a new cycle: RENEWABLE ENERGY

#### RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA:

- Buildings energy efficiency technician
- Buildings energy certification processes assistant
- Solar installations commercial agent
- Solar thermal installations fitting manager Solar thermal installations maintenance manager
- Energy manager
- Energy efficiency programmes promoter



#### PROFESSIONAL MODULES:

- Thermal Equipment and Installations
- Installations Fitting Processes”

- Graphical Representation of Installations”
- Installations Energy Efficiency”
- Energy Certification of Buildings”
- Water Use Efficiency in Construction”
- Configuration of Solar Thermal Installations”
- Management of Solar Thermal Installations Fitting and Maintenance”
- Energy and Water Use Efficiency Promotion”
- Project on Energy Efficiency and Solar Thermal Energy”
- Professional Training and Guidance”
- Business and Entrepreneurial Initiative”
- On the Job Training”

