

ELECTRICITY INDUSTRIAL AUTOMATION AND ROBOTICS



HIGHER
VET



BASQUE,
SPANISH



MORNING
CLASSES



HOURS
2.000

Contents are grouped into the following professional and training courses:

1st YEAR

- Electrical, pneumatic and hydraulic systems (165 hours).
- Programmable sequential systems (165 hours).
- Measurement and control systems (165 hours).
- Electrical power systems (198 hours).
- Technical documentation (99 hours).
- Industrial computing (99 hours).
- Training and work orientation (99 hours).

2nd YEAR

- Advanced programmable systems (100 hours).
- Industrial robotics (100 hours).
- Industrial communications (140 hours).
- Integration of industrial automation (160 hours).
- Project on industrial automation and robotics (50 hours).
- Business and entrepreneurship (60 hours).
- Technical English (40 hours).
- Workplace training (360 hours).

GENERAL SKILLS

Gestionar proyectos de montaje y mantenimiento de instalaciones automáticas de medida, regulación y control de procesos en sistemas industriales, así como supervisar o ejecutar el montaje, mantenimiento y la puesta en marcha de dichos sistemas respetando criterios de calidad, seguridad y respeto al medio ambiente.

PROFESSIONAL ENVIRONMENT RELATED JOBS

These are the most relevant jobs and positions:

- Department manager for the supervision of assembly of automation systems.
- Checker of appliances, electrical panels and equipment.
- Department manager in electromechanical workshops.
- Technician for the implementation of industrial automation systems.
- Designer of measurement and control systems for industrial automation systems.
- Designer of communication networks in industrial automation systems.
- Industrial robot programmer and controller.
- Technician for the design of electrical control systems.
- Designer of integrated circuits and systems in industrial automation.

