

## Lab 9 - AUTOMATION & FLUID POWER



The laboratory is conceived to give the student a clear overview of the concepts involved in industrial automation. It includes a PLC automation trainer complete with a comprehensive series of industrial process simulation modules. A Pneumatic and electro pneumatic trainer, with a comprehensive set of typical components used in pneumatic control applications. The components are mounted on modules that can be installed on a panel frame or a bench for teacher demonstration and student use.

A Hydraulics trainer designed to study and experiment oleo-dynamic power and control circuits, with panels including a number of components conveniently installed and exposed for training and experimenting.

Each module is provided with a user manual that explains its characteristics and use.

### TRAINING STATIONS LIST

9.1	PLC PROCESS SIMULATOR
9.2	INDUSTRIAL AUTOMATION BY PLC
9.3	PNEUMATICS & ELECTRO PNEUMATICS AUTOMATION
9.4	HYDRAULICS (OLEODYNAMICS) AUTOMATION

