ACT Configuration

Save this file on your PC, make your selection of subjects with an X and send it back to info@delorenzo.it.
You will receive a proposal with the list of modules.

☐ **WITH SOFTWARE for data aquisition**

☐ **WITHOUT SOFTWARE**

☐ PROCESSES

- ☐ P type
- ☐ I type
- ☐ I2 type
- ☐ First Order
- ☐ Higher than first
- ☐ Second Order with dead time

☐ CONTROLLERS

- ☐ P controller
- ☐ I controller
- ☐ D controller
- ☐ PI controller
- ☐ PD controller
- ☐ PID controller
- ☐ PID controller with gain and offset adiust

☐ CONTINUOS AUTOMATIC CONTROL

- ☐ P control, P type process
- ☐ P control, first and higher order processes
- ☐ Second order I control, I type processes
- ☐ P,PD,PI,PID controls, high order process
- ☐ Ziegler-Nichols dynamic method
- ☐ Chien-Hrones-Reswick static method
- ☐ Parallel and series configuration

☐ DISCONTINUOS AUTOMATIC CONTROL

- ☐ 2 position controllers, 3 range controllers
- ☐ Sampling acquisition techniques
- ☐ 2 position controller, first order process
- ☐ 3 range controller, second order process
- ☐ 2 position controller, delayed feedback, second order process
- ☐ 2 position controller, elastic feedback, second order process
- ☐ Sampling control, fourth order process

APPLICATIONS

☐ CONTROL OF A DC MOTOR

- ☐ P,PI,and PID speed controls using the CHR method
- ☐ Control of a generator

☐ LIGHT CONTROL

- ☐ P,PI,and PID light controls using the CHR method

☐ TEMPERATURE CONTROL

- ☐ 2 position controller
- ☐ 2 position controller, delayed feedback
- ☐ 2 position controller, elastic feedback
- ☐ 3 range controller
- ☐ P,PI and PID temperature controls using the CHR method

☐ LEVEL CONTROL

- ☐ Automatic level control with P,PI and PID controllers

☐ FLOW CONTROL

- ☐ Automatic flow-through control with P,PI and PID controllers