

EIT COURSE STUDENT LEARNING OUTCOMES

EIT 437 - Introduction to Control Systems

Students will be able to examine the operation of a Digital Control System (DCS).

Students will be able to apply process instrumentation trouble-shooting techniques and practices.

Students will be able to analyze process dynamics and the effect control functions on system response.

Students will be able to examine the use of I to P signal conditioner in a control valve.

EIT 468 - Advanced Control Systems

Students will be able to apply appropriate programming strategies in the design and implementation of a queued control system.

Students will be able to develop and apply data transfer methodology to program a PLC.

Students will be able to apply appropriate programming strategies in the design and implementation of a buffered control system.