Searching Current Courses For Summer 2015

Course: EIC 225
Title: Programmable Controllers
Long Title: Programmable Controllers
Course Description: Studies the use of solid-state control equipment, primarily the programmable controller and associated solid-state sensors to control equipment, machinery or complete processes. Includes concepts of solid-state logic, characteristics of solid-state sensors; conversions of relay logic control systems to programmable control systems; and microprocessor-based systems and remote control of processes. Enables the student to design, implement and test control systems in the laboratory to meet specifically-assigned control problems. Emphasizes accuracy, safety and National Electrical Code requirements.
Min Credit: 4
Max Credit:

Origin Notes: RRCC

STANDARD COMPETENCIES:

I. Explore logic controllers and examine programming systems
II. Develop a programmable logic controllers system
III. Program logic controllers system expansion, including retrofitting & maintenance

TOPICAL OUTLINE:

I. Introduction to programmable logic controllers
II. Examining and programming the systems
III. Input and output devices
IV. Developing a programmable logic controller system
V. Maintaining a programmable logic controller system
VI. System expansion and retrofitting
VII. System integration

Course Offered At:

Red Rocks Community College RRCC

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