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Industrial Controls (1) By

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Lecture (1)







Course Code: EEC412

Prerequisites: EEC213 & EEC222

Study Hours: 3 Cr. hrs.

= [2 Lect. + 3 Lab]







Final Exam: 40%.

Midterm: 30%.

Year Work & Quizzes: 20%.

Experimental/Oral: 10%. Textbook:

Industrial control PLC and its applications



Syllabus

· Introduction to industrial controls. Detecting sensors and actuating elements. Relay logic and their applications. 3 Introduction to PLC's and their types. Construction and hardware configuration and descriptions.

Programming and testing basic functions.

Cont.



• Programming and testing advanced functions.

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• Industrial applications using PLC.