

ECE 315

Class notes

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1 Introduction to Computer interfacing

1.1 Embedded Systems

An embedded system is a computer system that is used to monitor and control a product or engineering system. An embedded system has a simplified or application-specific user-interface. It usually does not have a conventional PC or tablet user interface.

1.2 Industrial Process Control

Process control systems or PCSs are used to allow a small number of human operators to control a complex industrial process with great consistency efficiency, and safety.