

ESDOL124 – Introduction to Sub-System Control

This course is designed to provide designers with a working knowledge of sub-system control methods, including communication protocols and electronic interfaces that bring their designs to life. It explains how components control and communicate with each other and explore the capabilities and limitations of these different methods. The course also includes a discussion of the reliability of various control methods, the designer's role, and engineering documentation.

Course Objectives:

- Identify control methods for different sub-systems
- Describe different control methods
- Describe control reliability and discuss its impact on system design
- Discuss how appropriate standardized engineering documentation contributes to continuing, successful project execution

Recommended Prerequisites:

EST202 Introduction to Sub-Systems

EST313/ESTOL313 Principles of IP Networking

ESD122/ESDOL122 Introduction to Sub-System Design

ESD123 Introduction to Programming Concepts