

# Signal Engineering

**Course Name**

Mechanical & Electrical Interlocking Basic Principles

**Course Description**

This course introduces you to mechanical and electrical interlocking covered the following areas:

- An overview of mechanical interlocking, electrical locking and levers and lever frames
  - Typical locking functions and mechanical locking tables
  - Direct and indirect tappet locking, duplex and non-tappet locking, mechanical locking charts and ground frames
  - Electric locks, circuit controllers and economisers
- This course consists of four eLearning modules and activities that need to be completed on the Digital Twin

**Audience**

This course introduces you to mechanical and electrical interlocking, and consists of four eLearning modules and digital twin activities.

**Duration:** 5 Hours Day(s) **Class Size:** 9999

**Competence Name Awarded****Competence Awarded****Course Code****Prerequisite Name****Prerequisite Short Code****Skills Assessment Scheme Regime****Course Type**

Elearning

**Download Date:** 10/1/2025