


This course is the core unit of the 3666 award. It will provide you with an understanding of communications principles and how they are applied in modern communications systems. This course is ideal for those who are thinking of entering the field of communications as their next career. Delegates can then take one of the optional units and take this core unit at a time of their choosing.

Who should attend? This course is required for those wishing to progress onto the City & Guilds 3666 Course.

Course content

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- Basic Electrical Theory
 - SI Units
 - Voltage – AC/DC current
 - Resistance
 - Capacitance
 - Principles of Data Communications
 - Analogue & Digital Signals
 - Transmission Characteristics
 - Impedance
 - The Standards
 - Cabling types
 - Safe Working Practices
 - Assessments will be carried out using the GOLATM system

Duration of Course 1 Day

Course Materials: Comprehensive course manual issued to all delegates

Intended outcomes: Delegates who successfully complete the course will receive a City and Guilds 3666-01 certificate