

# City & Guilds Level 2 Certificate in Telecommunication Systems

---

## **List of Modules**

1. Mathematics
2. Fundamentals of Electronic Communication 1
3. Communication Systems and Digital Networks 1
4. Fundamentals of Electronic Communication 1 (Practical)
5. Communication Systems and Digital Networks 1 (Practical)

# Mathematics

---

**Module Code : 205**

## **Topics**

1. Electronic calculators and SI units
2. Algebra
3. Laws of indices
4. Geometry
5. Trigonometry
6. Graphs
7. Number systems
8. Basic statistics
9. Logarithms and indicial equations

# Fundamentals of electronic communication 1

---

**Module Code : 203**

## **Topics**

1. Health and safety in the workplace
2. Introduction to the use of computer technology
3. Science and electronics

# Communication Systems and Digital Networks 1

---

**Module Code : 204**

## **Topics**

1. Information transmission
2. Basic telecommunications systems
3. Optical fibre systems
4. Principles of radio
5. Mobile radio and cellular telephone systems
6. Television
7. Public switched telephone networks (PSTN)
8. Digital networks and data communication

Full Syllabus Document can be downloaded from below web link

[http://cdn.cityandguilds.com/ProductDocuments/IT/IT\\_Professional/2730/Centre\\_documents/2730\\_Unit\\_recording\\_document\\_technician\\_certificate\\_v1.pdf](http://cdn.cityandguilds.com/ProductDocuments/IT/IT_Professional/2730/Centre_documents/2730_Unit_recording_document_technician_certificate_v1.pdf)