

Electrician

Syllabus

1. Meaning and uses of electricity Voltage, current, resistance (definitions)
2. AC and DC
3. Single-phase supply
4. Electrical hazards and precautions
5. Electric shock and first aid
6. PPE usage
7. Earthing
8. Electrical fire safe
9. Conductors and insulators
10. Types of domestic wires
11. Colour coding of wires
12. Switches, sockets, plugs, fuses
13. MCB
14. Tools and Instruments
15. Wiring and Accessories
16. Basic wiring symbols
17. Energy meter – purpose
18. Transformer – function
19. Motor – basic idea
