



KISII NATIONAL POLYTECHNIC

Tel: 0700152177 / 0752031300

Email: info@kisiipoly.ac.ke

Website: www.kisiipoly.ac.ke

P.O. Box 222 - 40200

Tel: 058-20319558

KISII - KENYA



KNP/IMS/REG/F003

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

COURSE REQUIREMENTS DURING ADMISSION (Revised in 2022)

- DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING (POWER)
- DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING (TELECOMMUNICATION)
- CRAFT CERTIFICATE IN ELECTRICAL AND ELECTRONIC ENGINEERING (POWER)
- CRAFT CERTIFICATE IN ELECTRICAL AND ELECTRONIC ENGINEERING (TELECOMMUNICATION)
- ARTISAN IN ELECTRICAL INSTALLATION LEVEL 4

A. GENERAL (MUST)

1. Scientific calculator
2. Overcoat for workshop use (navy blue)
3. Industrial boots (black colour)
4. Complete set of Engineering drawing instruments
5. Tee-Square
6. 30cm scale rule
7. Staedtler pencils: HB, H and 2H
8. Soft erasure
9. Set Square: 45° and 60° (minimum size of 150mm)
10. Size A4 Exercise books (enough, but one must be Square)
11. Masking tape (3/4 inch)

B. TOOLS AND EQUIPMENT

1. Set of screw drivers (small, medium & large)
2. Measuring tape (steel) : 3 metres
3. Soldering iron (25W)
4. Ball-pen hammer (1/4 inch)
5. Spirit level
6. Bending Spring (20mm)
7. Digital Multimeter
8. Phase tester (pen type)
9. Pliers (medium)
10. Plastic Electrician helmet (yellow in color)

C. TEXT BOOKS

1. MATHEMATICS

- (a) Technician Mathematics books 1 & 2 by J.O Bird & J.C May
- (b) SMP FOUR-Figure Mathematical Table (a must)
- (c) Geometric and Engineering Drawing, 2nd Edition by K. Morling
- (d) Electrical installation & workshop Technology vol.1 - by F.G. Thompson

