OBJECTIVE

The objective of the course is to provide the requisite skills and knowledge to enable the student to get into a wide variety of jobs in the mobile phone industry or to start a mobile phone repair outlet.

SKILLS

Our training in mobile phone repairing is skill-oriented training. The classroom training also provides hands on practice. The right infrastructure is required to ensure that the students develop required skills.

PRE-REQUISITES

No previous experience required.

COURSE DURATION

FIVE DAYS • MONDAY TO FRIDAY • 11AM TO 4PM
This training program required 20 hours to complete.
Evening and week end classes can be delivered in a structured format in order to suit the needs of learners with busy lives.

FUNDING

DWP. LOW-VALUE PROVISION SCHEME • JOBCENTRE PLUS
MPRTS work with DWP as a training provider.
Our courses (Smartphones and PCs/MacBook's) can be funded by DWP through Job Centre Plus under Low-value Provision (LVP) scheme.
You can find us on training providers list as ' Electronics Training School Limited'. (Our D-U-N-S number is -221955830)

SUPPORT AND BENEFITS

- Unlimited repair practice at our Service Centres and no extra for retake.
- Unlimited on-going support at no extra cost and telephone support for students related to any repair issues.
- Business setup support for candidates interested in self-employment.
- Repair guide price list and repair terms and condition.
- List of suppliers and business plan template.
- Facilitate accounting support (free for first 3 months start-up)
- Support with finding a job.
- Free basic tool kit.

LEVEL 1

- Concept and structure of GSM, CDMA, 3G, 4G networks.
- Theory and concept of ESN, IMEI and SIM relationships.
- Determination of physical and liquid damage detection on PCB Boards.
- Basic soldering and de soldering techniques.
- Use of proper tools and opening techniques to dismantle devices.
- Assemble and disassemble on iPhone, Android, iPad and tablets.
- Phone malfunction and liquid damage troubleshooting.
- Data transfer and recovery techniques.
- Mobile Phone Unlocking - Remove carrier locks off GSM Phones.

LEVEL 2

- Structure and design of the BGA Controller Chip.
- Techniques of how to repair Water Damage devices.
- Techniques on how to repair physical damage, troubleshooting on GSM and CDMA phones.
- Replacement Techniques on LCD, Ribbon flex cable, Speakers, Camera and Battery.
- How to repair phone not powering on (no power), no network signal or unstable signal.
- How to repair your Phone when it automatically shuts off (Power Cycling)
- How to replace the Sim Connector, Switch, Battery connector, SD memory connector, Vibrator, Flex Cable Switch, Multi pin Data Port, LCD plug-in connector and Charging Port.
- How to repair on-board components, circuit bridging and Jumper techniques.

LEVEL 3

- How to use typical repair tools like Hot air rework station, Soldering Iron, Ultrasonic cleaner, Microscope, DC power supply, NAND Programmer, etc.
- Logic board fault finding, Multimeter use, Component voltage, and shortage check, chip desoldering and black adhesive removing techniques.
- Chip IC replacement, IC Reballing, EMI shield removal, and Micro soldering techniques.
- Remove/replace FPC connectors on the PCB, BGA IC Reflow, IC Repair, Backlight Fix, Charging Port Connectors, SIM Card Connectors, Battery Connectors, Wi-Fi Connectors, board
- SD Memory Card Connector, Multi-Pin Data Port, Vibrator.
- Level III Water Damage Phone Troubleshooting and Repair
- Physical damage repair and troubleshooting techniques on Mother Boards
- Repair Techniques for On Board ICs, Copastor, Diode, Resistor etc
- No network signal or unstable signal
- Repair missing onboard components, circuit bridging & Jumpering techniques
- Phone automatically shuts off (Power Cycle)
- Use of Digital equipment to spot treat board level corrosion
- Board cleaning agent and solutions to treat liquid damaged Mobile phones.
- Introduction to board view soft where.