

### Online SMART PHONE AND TABLET REPAIR LEVEL 1, 2 AND 3 COURSE

BASIC TO ADVANCE LEVEL TRAINING PROGRAM | DESIGNED BY MPRTS UK



# 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 from home at their own convenience.

FIVE DAYS • MONDAY TO FRIDAY • 11AM TO 4PM via Zoom. This training program required 20 hours to complete. Candidates should have a PC or Laptop with webcam and workplace to organise and practise with tools.

# **SKILLS**

Our training in mobile phone repairing is skill-oriented training. The online 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. Additional tools can be provided but at an extra price

# How does it work?

- Back your course sorted in 3 easy steps,
- »» Book your slot
- »» We will send you a courier with Tool kit, Repair Manuel and Devices.(IPhone ,Samsung ,Android and Tablet)
- » Additional Tools like Digital Microscope and soldering can be sent at extra cost.
- »» The tool kit is free but the devices have to be sent back after the practise..
- » Unlimited on-going support at no extra cost and telephone support for students related to any repair issues.
- »» List of suppliers and business plan template.

#### MPRTS is registered on the Low Value Provider List

Our courses (Smartphones and PCs/MacBook's)

You can find us on training providers list as ' Electronics Training School Limited'. (Our D-U-N-S number is -221955830)



### SMART PHONE AND TABLET REPAIR LEVEL 1

### 1: 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.  $\ensuremath{\ensuremath{\scriptscriptstyle N}}$
- Phone malfunction and liquid damage troubleshooting.
- »» Data transfer and recovery techniques.
- »» Mobile Phone Unlocking Remove carrier locks off GSM Phones.

### SMART PHONE AND TABLET REPAIR LEVEL 2

### 2: 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.

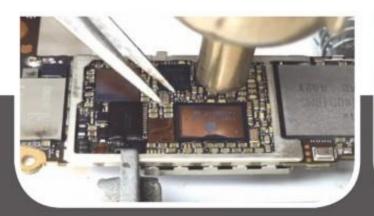
» How to repair your Phone when it automatically shuts off (Power Cycling)

- » 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.

### SMART PHONE AND TABLET REPAIR LEVEL 3

### 3: 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.



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