

**OBJECTIVE**

Smartphone and Tablet 1,2&3 x Laptop and Desktop 1,2&3 is a five-day course that prepares participants to become certified in troubleshooting and repairing: Laptops, Desktops, Tablets, IPad, Iphones ,Samsung and Androids.

Smartphone and Tablet 1,2&3

We are coming to Dubai!

**Support and Benefits**

* Unlimited repair practice at our Service Centres and no extra cost 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.

**Due to high demand, we are coming to the beautiful and illustrious city of Dubai. For one week only, we will be teaching the intricacies of mobile phone and tablet repair to the wonderful people of the United Arab Emirates. Join us on the 20th of April for only $999!**

required skills.

FIVE DAYS - Time 10AM TO 5PM - Monday 20th April

**COURSE DURATION**

**About the course**

Smartphone and Tablet 1,2&3 x Laptop and Desktop 1,2&3 is a five-day course that prepares participants to become certified in troubleshooting iPhone, iPad, Samsung, laptops and desktops and repairing Phone and laptops models at a professional technician standard . Through interactive discussions and hands-on exercises, participants learn setup, navigation, features, and associated services, Participants also learn how to maintain, troubleshoot, and repair devices. Participants’ knowledge and skills are tested and reinforced by working through real-world scenarios in hands-on labs. Training for these courses is available to technicians who work at or want to work a mobile repair shop.

**PREREQUISITES**

You **must** have Proficient English to complete this course.

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**What you will achieve after completion**

* Identify and explore the controls on various iOS devices and practice using them.
* Identify the iOS devices that have Apple-specific components, such as the Secure Element, the motion coprocessor, and the Taptic Engine.
* Describe the steps in the process for device setup and activation, including any issues that might arise.
* List common resolutions for battery-related issues.
* Back up and sync iOS devices.
* Discuss how to use engaging questions to better troubleshoot a customer issue, including appropriate open-ended and closed questions and overall logical question progression.
* Describe how to use the tools and resources that help evaluate a device and issue.
* Discuss specific questions that help to identify the problem category of a customer’s issue, such as educational, environmental, software, or hardware.
* Use Apple documentation, approved tools, and appropriate service strategies to safely repair all models of iPhone 5, SE, 6, 6 Plus, 7, 7 Plus, 8, 8 Plus and iPhone X.

**TOPICS COVERED THROUGHOUT TRAINING**

Smartphone and tablet (Theory) 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.

Smartphone and Tablet 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.

**ACMT (**

Smartphone and tablet 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.