

Certified Technician level ,1,2,3

5 days training

DAY 1

BASICS

*Learning and understanding all 3 major principles of a cell-phone, which is the hardware, mother/logic board and software aspect of the device and how they work together.

*Introduction to all tools needed for repairs

*Electrostatic discharge source and prevention (ESD)

*Discovery and identification of hidden factors/ clear cut compartment (flex and component)

*Details to step by step dismantling and assembly of basic phones, sliding phones and flip phones.

*General techniques to attach and detach components on the mother board (flex cables and clip connectors)

*How to detect and test components with Multi-meter

*Keypad malfunction Clean and Repair procedure

*Flex Ribbon Replacements.

*General diagnostic procedure.

*Understanding GSM and CDMA Concepts difference

DAY 2

SMART PHONES

- *Learning and determining of the difference between LCD and DIGITIZER
- *Understanding Basic Power Testing and Trouble shooting
- *Details to step by step dismantling and assembly of touch screen, smart phones.
- *Changing touch screens (digitizer repairs)
- *changing LCD (liquid color display)
- *Changing of charging ports by flex cable or attach and detachment
- *Learning common touch screen problem and the easiest way to fix them
- *Ability to detect hidden screws and flex cable ribbons

DAY 3

IPHONES

- *General technique to dismantling and assembly of all current iPhone model
- *type of screws and its significance
- *proper camera installation procedure
- *full lcd and digitizer screen replacement
- *study of screen assembly parts and installation
- *iPhone Charging Ports, Microphones, headphone jacks, replacement
- *studying of mother board connectors and functions
- *battery replacement
- *microphone and speaker identification and repairs

DAY 4

SOLDERING, REFLOW AND WATER DAMAGE TREATMENT

- *Basics to soldering
- *Equipment and components for soldering
- *basic soldering re-balling
- *soldering lead application
- *soldering lead removal
- *How to attach and detach, Charging Ports with soldering
- *Advanced Hot Air Reworking
- *How to Detecting water damage
- *Fixing basic oxidation on mother board with reflow to re-align all mother board components and resistors
- *Steps to water damage treatment

DAY 5

ANDROID TABLETS AND DEVICE UNLOCKING

- *Introduction to unlocking
- *Steps to unlocking phones to be used world wide
- *Learning the technical language and understanding technical terms (imei, meid, esd, ect..)
- *Access to support and parts acquisition websites
- *introduction to android tablet repairs
- *steps and techniques to dis-assemble and assemble
- *basic android tablet repairs
- *Customer service and communication values
- * Complete over view of training
- *Graduation day!!!!!!!!!!!!!!!!!!!!!!

