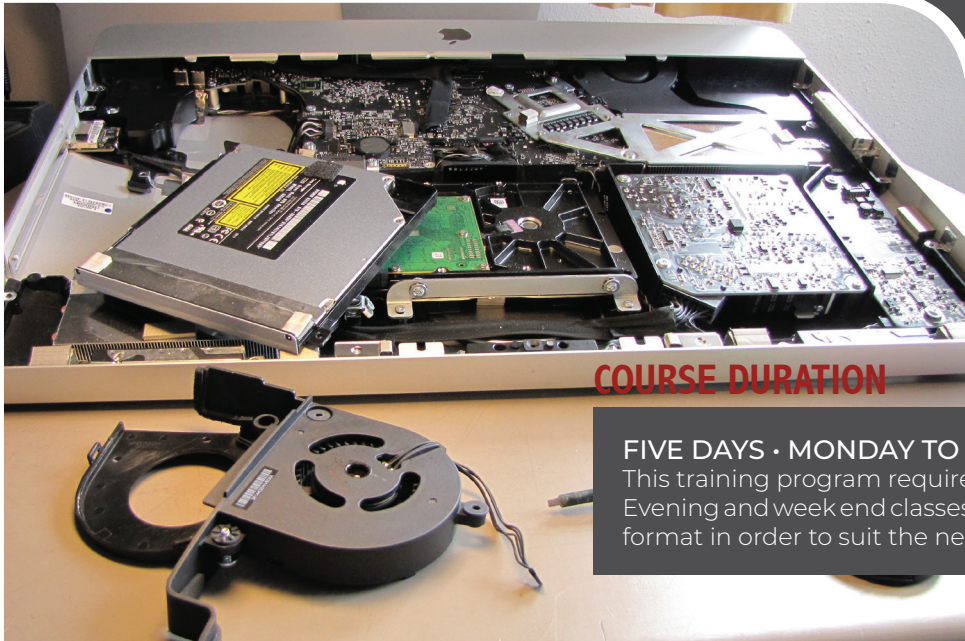




MAC BOOK AND IMAC REPAIR COURSE LEVEL 1, 2 AND 3

BASIC TO ADVANCE LEVEL TRAINING PROGRAM | DESIGNED BY MPRTS UK



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.

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 IT industry or to start a laptop repair outlet.

SKILLS

Our training in MacBook and iMac 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.

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.

FUNDING

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)



MAC BOOK AND IMAC REPAIR COURSE LEVEL 1

1: SOFTWARE/OS

- » What is Operating System
- » How to install Operating System (ALL OS)
- » Hard drive Partitioning
- » Hard drive Formatting
- » Application Installation
- » OS Settings and Security
- » Microsoft office installation
- » Data Backup & Restore.
- » Workgroup Networking & Internet Concept.

2: Hardware

- » Identification of Apple Laptop and desktop parts, Adapters/Chargers
- » Types, work, volt, Ampere, pin detail, Basic problem.
- » Types of Battery, work, volt, pin detail, Basic problem.
- » Types LCD/Screen, Brand, size, and wideness.
- » Types of hard drive its problems and solutions.
- » Type of keyboard, Basic problem, and solutions.
- » Body/Housing size, Front Panel, Back Panel.
- » Type of Motherboard its manufacture Identification.
- » Ram: Types of RAM.
- » Types of MacBook/iMac CPU/Processor it identifies diagnosing and troubleshooting
- » Introduction to tools and equipment
- » MacBook/iMac Assembly & Disassembly (Theory)
- » Common fault diagnosing and troubleshooting

MAC BOOK AND IMAC REPAIR COURSE LEVEL 2

1: Hardware Section (Theory & Practical)

- » Identify each component & IC's on motherboard.
- » Testing of electronic components (Multimeter use)
- » Resistors, Capacitors, Diode, Inductors & Fuse (PCB Component identification)
- » Proper use of the regulated dc power supply
- » Understanding of OHM'S Law (Voltage, Amps And resistance)

2: Repair & Parts replacement (Practical Troubleshooting)

- » How to repair/replace DC Jack (charging connectors)
- » MacBook/iMac full assembly and disassembly
- » How to repair/replace LCD, LED and Touchscreen
- » How to repair/replace Speaker, Microphone and Headphone socket
- » How to repair/replace Keyboard and Mouse
- » Diagnostic AC/DC (Power system understanding)
- » Dead Systems
- » No display
- » Dim display
- » Freezing System
- » WIFI Card replacement

MAC BOOK AND IMAC REPAIR COURSE LEVEL 3

1: Theory

- » How to read Schematics or Block diagram of laptops.
- » How to diagnose the fault in Laptop PCB with the help of schematics and Block diagram
- » Understanding of Power supply of different chips & components

2: Practical

- » Testing of electronic components with the multimeter (Resistors, Capacitors, Diode, Inductors Fuse, Transistors, Mosfet & IC's etc.
- » Special Training on BGA Machine/Hot air rework station
- » Understanding of Advance Testing and Repairing Tools
- » IMAC PCB fault diagnostic
- » MacBook PCB fault diagnostic
- » Identify each component & IC's in the Laptop motherboard.
- » Using of DC power supply.
- » Soldering and Desoldering practice of IC's
- » Soldering dislodging of USB Port, DC Power connector, FTP Connectors, Ethernet Connectors, and HDMI/DVI/VGA Ports.
- » Removing and Inserting Small SMD Components
- » Tracing Different Section of Motherboard:
- » Chip Level Practical (Using Solder Iron, BGA Machine, SMD Machine)
- » Micro soldering (Proper use of the microscope)
- » Water and liquid damage repair