



**ACWICT**

# IT & Device Repair Track Virtual Training and Physical Bootcamps Schedule



**The UKDAP-Inclusive Digital Future Project (IDF)**

DELIVERED BY





# INTRODUCTION TO THE IT & DEVICE REPAIR TRACK SCHEDULE

The IT & Device Repair Track Schedule outlines the structured learning pathway through which participants progress from foundational knowledge to practical competence and professional readiness. In the context of the global digital economy, where mobile devices and digital technologies underpin communication, commerce, service delivery, and innovation, the demand for skilled technicians continues to grow. Device repair plays a critical role in sustaining digital access, extending technology lifecycles, and supporting inclusive participation in the digital ecosystem. As such, this track equips participants with skills that are not only locally relevant but also aligned to global trends in digital services, circular economy practices, and technology maintenance.

The schedule provides a clear roadmap of all training activities across the virtual sessions and physical bootcamps, ensuring that participants understand the sequencing, expectations, and purpose of each stage of the programme.

The schedule is intentionally designed to follow a progressive learning model, beginning with virtual instructor-led sessions that introduce core concepts, tools, and repair principles. This is followed by in-county bootcamps, where participants apply their learning through hands-on practice in a supervised environment. The integration of these two phases ensures that learning is not only theoretical but also grounded in real-world application.

Each session within the schedule builds on the previous one, moving participants

through a logical progression of:

- Mindset and professional orientation
- Technical knowledge and system understanding
- Process-driven repair skills.
- Diagnostics, problem-solving, and professional practice
- This structured approach ensures consistency in delivery across cohorts and counties, while maintaining a strong focus on competency development and employability outcomes.

Participants are encouraged to use this schedule as both a planning and reference tool, enabling them to track their progress, prepare for each session, and actively engage in the learning process. Adherence to the schedule is critical, as each component contributes directly to building the skills and confidence required to transition into employment, entrepreneurship, or further technical advancement.

The schedule reflects the programme's broader objective:

- To move participants from structured learning to practical capability, and from skills acquisition to meaningful participation in the digital economy.



## COHORT 1 (VIRTUAL)

**Dates: 19<sup>th</sup>-23<sup>rd</sup> February**

**Time: 9:00 AM – 1:00 PM**

### Background and Learning Context

The virtual training phase serves as the foundation of the IT & Device Repair Track, equipping participants with the essential knowledge, mindset, and conceptual understanding required before engaging in hands-on practical work during the physical bootcamp. This phase is intentionally designed to ensure that participants do not approach device repair as a trial-and-error activity, but rather as a structured, professional, and diagnostic process. It introduces learners to the core principles of technical work, including safety, precision, tool handling, and system understanding. The sessions are sequenced progressively to move participants from:

**Mindset → Environment → Tools → System Understanding**

This progression ensures that by the end of the first day, participants are not only familiar with devices but are able to interpret how devices function and how faults may occur.

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 – 10:00	Introduction & Technician Mindset	Course overview, professionalism	Presentation, real-world examples	Listening, note-taking
10:00 – 11:00	Safety & Workspace Setup	ESD, risks, setup	Demonstration, explanation	Observation, questions
11:00 – 12:00	Tools & Equipment	Tool usage	Tool demo, categorization	Identify tools, notes
12:00 – 1:00	Smartphone Hardware	Internal components	Guided explanation, visuals	Observation, Q&A

## DAY 1: AGENDA SETTING & INTRODUCTION

### Session 1: Introduction & Technician Mindset (9:00 - 10:00 AM)

The starting point of any technical career is not tools or equipment, but mindset and professional orientation. Device repair is a service-based profession that relies heavily on trust, responsibility, and consistency. Participants are introduced to the role of a technician as:

- A problem solver, not just a fixer
- A custodian of client property and data
- A professional operating within a service economy

This session establishes the expectation that technical competence must be accompanied by discipline, ethical conduct, and attention to detail. In real-world settings, clients entrust technicians with devices that often contain sensitive personal or business information. Poor handling, misdiagnosis, or lack of professionalism can lead to:

- Loss of client trust
- Financial loss
- Reputational damage

By grounding participants in the right mindset from the outset, the training ensures that all subsequent technical skills are applied within a professional, accountable framework.

### Session 2: Safety & Workspace Setup (10:00 - 11:00 AM)

Electronic device repair requires working with sensitive components and electrical systems, making safety a critical aspect of technical practice. Even minor lapses in safety procedures can result in:

- Irreversible damage to components
- Reduced device functionality
- Personal injury

A key concept introduced in this session is Electrostatic Discharge (ESD), a common yet often invisible risk in which static electricity from the human body damages delicate electronic circuits. Many entry-level technicians overlook safety, leading to repeated repair failures and increased costs. Establishing safe working practices early ensures that participants:

- Protect devices from unintended damage.
- Maintain a controlled and organized workspace.
- Build habits consistent with professional repair environments.

This session reinforces that technical skill without safety awareness is incomplete and potentially harmful.



## Session 3: Tools & Equipment (11:00 AM - 12:00 PM)

Tools are the primary interface between the technician and the device. However, effective repair is not determined by the number of tools available, but by the ability to select and use the appropriate tool correctly. Participants are introduced to different categories of tools, including:

- Precision screwdrivers and opening tools
- Tweezers and handling instruments
- Heating tools for adhesive removal
- Basic diagnostic tools

Improper tool use is one of the most common causes of damage during repairs. Misuse can result in:

- Broken components
- Stripped screws
- Internal damage to circuits.

This session ensures participants understand that: The correct use of tools is a foundational skill that directly affects repair quality, efficiency, and safety.

## Session 4: Smartphone Hardware (12:00 - 1:00 PM)

Smartphones are complex systems composed of multiple interconnected components, each performing a specific function. Key components include:

- The motherboard, which controls device operations.
- The battery, which supplies power.
- The display, which provides visual output.
- Connectors and flex cables, which enable communication between components.

Understanding how these components interact is essential for diagnosing and repairing faults. A common challenge among beginners is attempting repairs without understanding how devices function internally. This often leads to:

- Incorrect diagnosis
- Unnecessary replacement of parts
- Incomplete or failed repairs.

This session builds the participant's ability to:

- Recognize internal components.
- Understand their functions.

Begin linking device symptoms to faults. It establishes the principle that: Effective repair begins with understanding the system, not just the symptom.

## DAY 2: DISPLAY, SOLDERING & SOFTWARE

Background and Learning Context:  
Following the foundational knowledge acquired on Day 1, Day 2 shifts focus from understanding devices to engaging with core repair processes. This stage introduces participants to three critical domains of device repair:

- Display systems (visual output and most common repairs)
- Soldering (precision hardware repair at component level)
- Software repair (system restoration and troubleshooting)

These areas represent the most frequent real-world repair scenarios and together form the backbone of entry-level and intermediate technician work. The learning approach for this day is more process-oriented, enabling participants to:

- Understand how repairs are executed step-by-step
- Begin visualising hands-on procedures
- Develop awareness of precision, sequencing, and decision-making

By the end of this day, participants should begin transitioning from:

**“Understanding devices” →  
“Understanding how to repair devices”**

### Session 1: Display Systems (9:00 – 10:00 AM)

The display is one of the most critical and most frequently repaired components of a smartphone. It is the primary interface between the user and the device, and any malfunction directly affects usability. Participants are introduced to the three main types of display technologies:

- LCD (Liquid Crystal Display)
- OLED (Organic Light Emitting Diode)
- AMOLED (Active Matrix OLED)

Each technology differs in:

- Structure and component design
- Repair complexity
- Cost implications

Display-related issues are among the most common customer complaints, including:

- Cracked screens
- Unresponsive touch
- Display distortions or blackouts

Understanding display systems allows participants to:

- Differentiating between types of screens
- Anticipate repair approaches and risks
- Make informed decisions during repair

This session reinforces that: Not all screens are repaired the same way, understanding the technology determines the repair strategy.

## Session 2: Screen Workflows (10:00 – 11:00 AM)

Screen repair is not a single action, but a structured workflow that must be followed carefully to avoid further damage.

Participants are introduced to two primary approaches:

- Screen Replacement – replacing the entire display unit
- Screen Refurbishing – repairing specific layers (e.g., glass)

Each approach involves:

- Different levels of skill
- Different tools and processes
- Different cost and time implications

Many beginners attempt repairs without following a clear process, leading to:

- Damage to connectors and internal components
- Improper installation
- Repeat failures

This session teaches participants to:

- Follow a step-by-step repair sequence
- Understand the importance of process discipline
- Map out repair procedures before execution

**Key Insight:** A successful repair is not just about fixing the problem, but about following the correct process from start to finish.

## Session 3: Soldering Fundamentals & Practical (11:00 AM – 12:00 PM)

Soldering is a core technical skill that allows technicians to repair or replace small electronic components and connections on a device. It involves:

- Controlled application of heat
- Joining or reconnecting electrical components
- Working with delicate and sensitive circuits

Soldering is often required for: Charging port repairs, Broken connections, and Component-level fixes. However, it is also one of the most risk-sensitive skills, as improper technique can: Burn or damage the motherboard, Create weak or faulty connections and Render a device completely unusable.

What Participants Will Learn

- The importance of heat control and precision
- How to create strong and clean solder joints
- Basic awareness of common soldering mistakes

**Key Principle:** Soldering is not about speed, it is about: Control, accuracy, and consistency

## Session 4: Software Repair (12:00 - 1:00 PM)

Not all device problems are hardware related. Many issues arise from Corrupted operating systems, Software bugs, and failed updates. Software repair focuses on restoring the device through:

- Flashing the operating system
- Reinstalling or updating system software
- Troubleshooting software-related faults

A common mistake among beginners is assuming all problems require physical repair. In reality: Some devices can be fully restored without opening them. Also, Software solutions are often faster and less risky. This session equips participants with:

- Recognize when a problem is software-related
- Follow structured steps to restore system functionality
- Expand their service offering beyond hardware repair



**Key Insight:** An effective technician understands that: The solution is not always inside the device, sometimes it is in the system.

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Display Systems	LCD, OLED, AMOLED	Visual explanation	Notes, comparisons
10:00 - 11:00	Screen Workflows	Replacement vs refurbishing	Step-by-step walkthrough	Process mapping
11:00 - 12:00	Soldering Fundamentals & Practical	Heat, joints	Demonstration	Observation, questions
12:00 - 1:00	Software Repair	Flashing, OS	Guided walkthrough	Follow steps, notes



## DAY 3: DIAGNOSTICS & PROFESSIONAL PRACTICE

Day 3 represents the transition from technical understanding to professional application. While the previous sessions focused on components, tools, and repair processes, this day emphasises the thinking, decision-making, and professional standards required to operate effectively as a technician in real-world environments. At this stage, participants are expected to begin integrating knowledge from Day 1 and Day 2 to:

- Diagnose problems logically.
- Plan repairs systematically.
- Communicate effectively with clients.
- Maintain professional documentation and quality standards.

The focus shifts from:

**“How to repair” → “How to think, decide, and operate as a professional technician.”**

This is a critical stage, as technical skills alone are not sufficient for success. Sustainable income and career growth depend on the ability to combine technical competence with professional practice.

### Session 1: Technician Thinking (9:00 – 10:00 AM)

At the core of all successful repairs is the ability to think critically and systematically. A technician must be able to interpret symptoms, evaluate possible causes, and make informed decisions. This requires developing a diagnostic mindset, which is characterised by:

- Logical reasoning
- Patience and attention to detail
- Avoidance of assumptions and guesswork

Many inexperienced technicians rely on trial-and-error approaches, which often lead to:

- Wasted time and resources.
- Additional damage to devices
- Inconsistent repair outcomes

This session introduces participants to structured thinking through real-life scenarios, enabling them to:

- Analyse problems before acting.
- Consider multiple possible causes.
- Develop confidence in decision-making.

Key Insight: A skilled technician does not begin with tools, they begin with: Understanding the problem clearly before attempting a solution.

### Session 2: Diagnostic Workflow (10:00 – 11:00 AM)

Diagnosis is the process of identifying the root cause of a device issue. It follows a structured workflow, rather than random testing or assumptions. Participants are introduced to a logical sequence of fault tracing, which typically involves:

- Identifying the problem (symptoms)
- Isolating possible causes
- Testing components or systems
- Confirming the actual fault

Without a clear diagnostic process, technicians may:

- Replace the wrong components.
- Miss the actual issue
- Increase repair costs unnecessarily.



This session reinforces that:

- Diagnosis saves time.
- Diagnosis reduces errors.
- Diagnosis improves customer satisfaction.

Through case studies, participants learn how to apply this workflow in practical scenarios.

Key Principle: Never guess—always test and confirm before repairing.

### Session 3: Repair Planning & Communication (11:00 AM - 12:00 PM)

Repair work is not only technical—it is also a service interaction with clients. A technician must be able to:

- Assess the repair required.
- Estimate costs accurately.
- Explain issues clearly to the client.

This requires both technical understanding and communication skills. Even technically skilled technicians may struggle if they cannot:

- Communicate findings effectively.
- Set clear expectations.
- Justify repair costs.

Poor communication can result in:

- Customer dissatisfaction
- Disputes over pricing
- Loss of repeat business

This session uses role-play exercises to simulate real-world interactions, helping participants practice:

- Explaining technical issues in simple terms
- Presenting repair options
- Handling client questions and concerns

**Key Insight:** A successful technician is not only judged by repair quality, but also by how well they communicate and manage client expectations.

### Session 4: Documentation & Quality Control (12:00 - 1:00 PM)

Professional repair work requires proper documentation and quality assurance processes. This includes:

- Recording device details and reported issues
- Documenting repairs performed
- Testing devices before return

Tools such as job cards and checklists are used to ensure consistency and accountability. Without proper documentation and quality control:

- Repairs may be incomplete or inconsistent.
- Errors may go unnoticed.
- There is no record for reference or accountability.

This session introduces participants to:

- Standard documentation practices
- The importance of testing before handing over devices.
- Maintaining records for future reference

**Key Principle:** Every repair must be documented, and every device must be tested before completion.

## End of Day 3 Integration

By the end of Day 3, participants should be able to:

- Apply a diagnostic mindset to identify faults.
- Follow a structured workflow for troubleshooting.
- Plan repairs and communicate effectively with clients.
- Maintain proper documentation and quality control standards.

These competencies represent the transition from learning technical skills to operating as a professional technician.

**Key Participant Takeaway:** The difference between a beginner and a professional technician is not just skill, but the ability to think critically, communicate clearly, and deliver consistent, high-quality work.

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Technician Thinking	Diagnostic mindset	Scenario teaching	Reflection
10:00 - 11:00	Diagnostic Workflow	Fault tracing	Case studies	Analysis
11:00 - 12:00	Repair Planning & Communication	Costing, clients	Role-play	Practice communication
12:00 - 1:00	Documentation & Quality Control	Job cards, testing	Samples, checklist	Create entries

## Positioning for Bootcamp and Beyond

This day prepares participants for the physical bootcamp, where they will:

- Apply diagnostic and repair skills in real scenarios.
- Work with actual devices.
- Demonstrate competence under supervision.

It also lays the foundation for:

- Entering the job market
- Starting a repair business
- Delivering services with professionalism and consistency

## COHORT 2 (VIRTUAL)

The second virtual training cohort was conducted from 26th to 28th February, running daily from 9:00 AM to 1:00 PM, and followed the same structured curriculum and delivery approach as Cohort 1. Participants in this cohort were taken through the full sequence of modules covering technician mindset, safety and workspace setup, tools and equipment, smartphone hardware, display systems, soldering fundamentals, software repair, diagnostics, and professional practice. This ensured consistency in learning outcomes across cohorts, with all participants receiving a standardized foundation in both technical competencies and professional principles required for progression to the practical bootcamp phase and subsequent employability pathways.

### DAY 1 - FOUNDATIONS, TOOLS & SMARTPHONE HARDWARE

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Introduction & Technician Mindset	Course overview, professionalism	Presentation	Listening, notes
10:00 - 11:00	Safety & Workspace Setup	ESD, risks	Demonstration	Observation
11:00 - 12:00	Tools & Equipment	Tool usage	Tool demo	Identify tools
12:00 - 1:00	Smartphone Hardware	Internal components	Guided explanation	Q&A

### DAY 2 - DISPLAY, SOLDERING & SOFTWARE

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Display Systems	LCD, OLED, AMOLED	Visual explanation	Notes
10:00 - 11:00	Screen Workflows	Replacement vs refurbishing	Walkthrough	Process mapping
11:00 - 12:00	Soldering Fundamentals & Practical	Heat, joints	Demonstration	Observation
12:00 - 1:00	Software Repair	Flashing, OS	Guided walkthrough	Follow steps

### DAY 3 - DIAGNOSTICS & PROFESSIONAL PRACTICE

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Technician Thinking	Diagnostic mindset	Scenario teaching	Reflection
10:00 - 11:00	Diagnostic Workflow	Fault tracing	Case studies	Analysis
11:00 - 12:00	Repair Planning & Communication	Costing	Role-play	Practice
12:00 - 1:00	Documentation & Quality Control	Job cards	Samples	Create entries

## COHORT 3 (VIRTUAL)

The third virtual training cohort was conducted from 26th to 28th March, running daily from 9:00 AM to 1:30 PM, and was delivered using the same structured curriculum and facilitation approach as the preceding cohorts. Participants were taken through the full sequence of modules, including technician mindset, safety and workspace setup, tools and equipment, smartphone hardware, display systems, soldering fundamentals, software repair, diagnostics, and professional practice. The slightly extended session duration allowed for deeper engagement, additional demonstrations, and enhanced participant interaction. This ensured that Cohort 3 achieved the same standardized learning outcomes while reinforcing practical understanding in preparation for the physical bootcamp and transition into employability opportunities.

### DAY 1 - FOUNDATIONS, TOOLS & SMARTPHONE HARDWARE

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Introduction & Technician Mindset	Course overview	Presentation	Notes
10:00 - 11:00	Safety & Workspace Setup	ESD, risks	Demonstration	Observation
11:00 - 12:00	Tools & Equipment	Tool usage	Demo	Identification
12:00 - 1:30	Smartphone Hardware	Internal components	Explanation	Q&A

### DAY 2 - DISPLAY, SOLDERING & SOFTWARE

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Display Systems	LCD, OLED, AMOLED	Visual explanation	Notes
10:00 - 11:00	Screen Workflows	Replacement vs refurbishing	Walkthrough	Mapping
11:00 - 12:00	Soldering Fundamentals & Practical	Heat control	Demo	Observation
12:00 - 1:30	Software Repair	Flashing, OS	Guided steps	Follow along

### DAY 3 - DIAGNOSTICS & PROFESSIONAL PRACTICE

TIME	SESSION	KEY FOCUS	TRAINER ACTIVITIES	LEARNER ACTIVITIES
9:00 - 10:00	Technician Thinking	Diagnostic mindset	Scenario teaching	Reflection
10:00 - 11:00	Diagnostic Workflow	Fault tracing	Case studies	Analysis
11:00 - 12:00	Repair Planning & Communication	Costing	Role-play	Practice
12:00 - 1:30	Documentation & Quality Control	Job cards	Checklist guidance	Create entries



The bootcamp is where learning becomes practice. It is the stage where knowledge is tested, skills are refined, and confidence is built for real-world application



## PHYSICAL BOOTCAMPS (PRACTICAL PHASE)

The county bootcamps represent the culmination of the IT & Device Repair Track, where participants transition from virtual learning into hands-on practical application. Delivered across Busia, Siaya, and Elgeyo Marakwet counties, the bootcamps provide a structured environment for participants to apply their knowledge on real devices under guided supervision.

While the locations and dates differ, the bootcamps follow a standardised training model, ensuring consistency in learning outcomes across all counties. Each bootcamp is designed to strengthen three core areas:

- Technical execution – handling devices, tools, and repair processes
- Diagnostic capability – identifying and resolving faults systematically.

- Professional readiness – working with accuracy, discipline, and confidence.

The structure of the bootcamp reflects the natural progression of repair work—from hardware handling to specialised repair techniques, and finally to diagnostics and independent problem-solving.

### Bootcamp Schedule by County

- Busia County: 8th – 10th April
- Siaya County: 14th – 16th April 2026
- Elgeyo Marakwet County: 21st – 23rd April 2026

For all counties:

- Day 1 & Day 2: 8:00 AM – 4:00 PM
- Day 3: 8:00 AM – 10:00 AM (followed by graduation and certification)

## Bootcamp Structure and Focus Areas

### Day 1: Hardware Handling and System Familiarity

The first day focuses on building confidence in handling devices through guided disassembly, component identification, and reassembly. Participants engage directly with device structures, reinforcing their understanding of internal components and how they are interconnected. This stage emphasises:

- Careful handling of devices
- Organisation and tracking of components
- Accuracy in reassembly and functionality testing

It lays the groundwork for all subsequent repair activities.

### Day 2: Core Repair Skills and Precision Techniques

The second day introduces participants to high-demand repair skills, particularly those related to display systems and component-level repair.

- Participants are guided through:
- Screen replacement processes.
- Exposure to refurbishing techniques
- Introduction to soldering and basic component repair.

The emphasis is on precision, control, and adherence to process, as these tasks require a higher level of technical accuracy and confidence.

### Day 3: Diagnostics, Integration, and Certification

The final day consolidates all learning by focusing on diagnostics and system-level repair. Participants are expected to apply their knowledge independently to:

- Identify device faults.
- Select appropriate repair approaches.
- Execute solutions effectively.

This phase also includes exposure to software repair processes, ensuring participants understand the integration of both hardware and software solutions. The bootcamp concludes with graduation and certification, marking successful completion of the training programme.

### Expected Outcomes

By the end of the bootcamp, participants are expected to:

- Demonstrate confidence in handling and repairing devices.
- Apply structured diagnostic and repair processes.
- Execute key repair tasks with accuracy and care.
- Operate with professionalism in a practical work environment.
- These outcomes position participants for transition into employment, self-employment, or further skill development opportunities.

## BUSIA COUNTY BOOTCAMP

Dates: 8th – 10th April

8th & 9th: 8:00 AM – 4:00 PM

10th: 8:00 AM – 10:00 AM (Graduation follows)

### Day 1 – 8th April: Hardware Practical

TIME	ACTIVITY	FOCUS
8:00 – 10:00	Disassembly	Opening devices, screw tracking
10:00 – 10:30	Tea Break	–
10:30 – 1:00	Component Identification	Motherboard, battery, flexes
1:00 – 2:00	Lunch	–
2:00 – 4:00	Reassembly & Testing	Assembly, power testing

### Day 2 – 9th April: Display & Soldering Practical

TIME	ACTIVITY	FOCUS
8:00 – 10:00	Screen Replacement	Removal, installation
10:00 – 10:30	Tea Break	–
10:30 – 1:00	Refurbishing Practice	Glass removal demo, OCA
1:00 – 2:00	Lunch	–
2:00 – 4:00	Soldering	Joints, port repair basics

### Day 3 – 10th April: Diagnostics & Graduation

TIME	ACTIVITY	FOCUS
8:00 – 9:00	Diagnostics	Fault tracing
9:00 – 10:00	Software Repair	Flashing, OS install
After 10:00	Graduation	Certification

## SIAYA COUNTY BOOTCAMP (PRACTICAL)

Dates: 14th – 16th April 2026

14th & 15th: 8:00 AM – 4:00 PM

16th: 8:00 AM – 10:00 AM (Graduation follows)

### Day 1 – 14th April: Hardware Practical

TIME	ACTIVITY	FOCUS
8:00 – 10:00	Disassembly	Opening devices, screw tracking
10:00 – 10:30	Tea Break	–
10:30 – 1:00	Component Identification	Motherboard, battery, flexes
1:00 – 2:00	Lunch	–
2:00 – 4:00	Reassembly & Testing	Assembly, power testing

## Day 2 - 15th April: Display & Soldering Practical

TIME	ACTIVITY	FOCUS
8:00 - 10:00	Screen Replacement	Removal, installation
10:00 - 10:30	Tea Break	—
10:30 - 1:00	Refurbishing Practice	Glass removal demo, OCA
1:00 - 2:00	Lunch	—
2:00 - 4:00	Soldering	Joints, port repair basics

## Day 3 - 16th April: Diagnostics & Graduation

TIME	ACTIVITY	FOCUS
8:00 - 9:00	Diagnostics	Fault tracing
9:00 - 10:00	Software Repair	Flashing, OS install
After 10:00	Graduation	Certification

## ELGEYO MARAKWET COUNTY BOOTCAMP (PRACTICAL)

Dates: 21st - 23rd April 2026

21st & 22nd: 8:00 AM - 4:00 PM

23rd: 8:00 AM - 10:00 AM (Graduation follows)

### Day 1 - 21st April: Hardware Practical

TIME	ACTIVITY	FOCUS
8:00 - 10:00	Disassembly	Opening devices, screw tracking
10:00 - 10:30	Tea Break	—
10:30 - 1:00	Component Identification	Motherboard, battery, flexes
1:00 - 2:00	Lunch	—
2:00 - 4:00	Reassembly & Testing	Assembly, power testing

### Day 2 - 22nd April: Display & Soldering Practical

TIME	ACTIVITY	FOCUS
8:00 - 10:00	Screen Replacement	Removal, installation
10:00 - 10:30	Tea Break	—
10:30 - 1:00	Refurbishing Practice	Glass removal demo, OCA
1:00 - 2:00	Lunch	—
2:00 - 4:00	Soldering	Joints, port repair basics

### Day 3 - 23rd April: Diagnostics & Graduation

TIME	ACTIVITY	FOCUS
8:00 - 9:00	Diagnostics	Fault tracing
9:00 - 10:00	Software Repair	Flashing, OS install
After 10:00	Graduation	Certification



## CONCLUSION

This training manual has guided you through the full learning journey of the IT & Device Repair Track—from foundational concepts and technical understanding during the virtual sessions, to hands-on application and practical competence during the county bootcamps. Each phase has been intentionally designed to build on the previous one, ensuring that you not only acquire knowledge, but also develop the ability to apply that knowledge in real-world contexts.

As you complete this programme, you are expected to have developed more than just technical skills. You have been introduced to the mindset, discipline, and professional standards required to operate as a competent technician. This includes the ability to think critically, diagnose problems systematically, handle devices responsibly, and engage clients with confidence and clarity.

It is important to recognise that this training marks the beginning of your professional journey, not the end. The skills acquired require continuous practice, refinement, and adaptation to evolving technologies. Your growth as a technician will depend on your commitment to learning, consistency in delivering quality work, and ability to build trust with clients and employers.

Ultimately, the value of this programme lies in how effectively you translate your skills into opportunity. Whether you choose to pursue employment, start your own repair enterprise, or expand into related digital services, the competencies gained through this training position you to participate meaningfully in the digital economy.

**Your success will not be defined by what you have learned, but by how consistently and professionally you apply it.**



11-29



Ministry of Information,  
Communications &  
The Digital Economy



UK International  
Development

Partnership | Progress | Prosperity



technology transforming lives

