Advanced Acquisition

Course Overview:

The Advanced Acquisition course focuses on new ways to secure data when mobile device forensic tools are not an option. Students carry out advanced extraction methods on mobile devices utilizing JTAG and Chip-Off techniques.

Students receive applied soldering skills with heavy focus on hands on activities to provide students with the tactile feeling necessary to grasp the concept of memory chip removal from mobile devices.

Students learn to identify chipsets and how to properly read them and decode the extracted data using XRY. Advanced Android exploitation methods are also taught from command line ADB exploits to partition decryption using Santoku.

Key course takeaways:

- Applied soldering techniques
- Understand the different solder material and melting points of each
- Extract data from various mobile devices using JTAG hardware and software
- Receive JTAG tools to perform extractions after course competition
- Learn proper phone disassembly procedures and identify memory chips found inside
- Practice memory chip removal and extract data via the Chip-Off method
- Walk away with an Infra-Red workstation to start performing chip-off extractions after class
- Extract data from a variety of memory chips using chip adapters and decode the data in XRY
- Receive high quality eMMC and eMCP chip adapter readers for use in your own labs

Delivery Methods

- Instructor-led Classroom

Course length

40 hours

Pre-Requisites

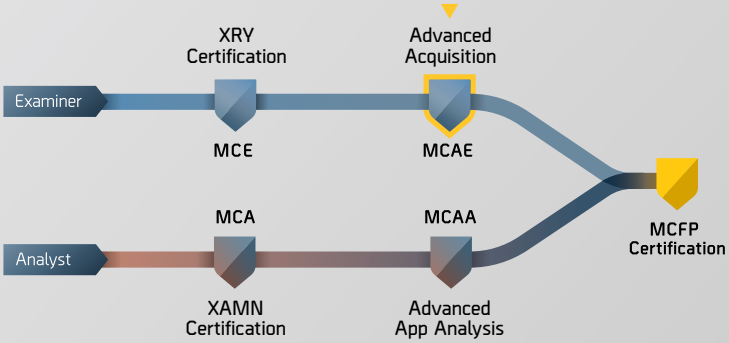
XRY Certification

More Information at
msab.com/training

Learning Pathways:

MSAB offers two training pathways: the **Examiner** pathway and the **Analyst** pathway.

Each pathway provides users with unique certifications along the way, culminating in a final achievement of obtaining the designation of **MSAB Certified Forensic Professional**.



- **MCE:** MSAB Certified Examiner
- **MCAE:** MSAB Certified Advanced Examiner
- **MCA:** MSAB Certified Analyst
- **MCAA:** MSAB Certified Advanced Analyst
- **MCFP:** MSAB Certified Forensic Professional