

TRAINING & CERTIFICATION

Maximize your skill, knowledge and mobile forensic capability with HancomGMD

SUMMARY

Our certification consists of three courses:

An elementary course for professional, an advanced-level course for examiner and a professional course for specialist.

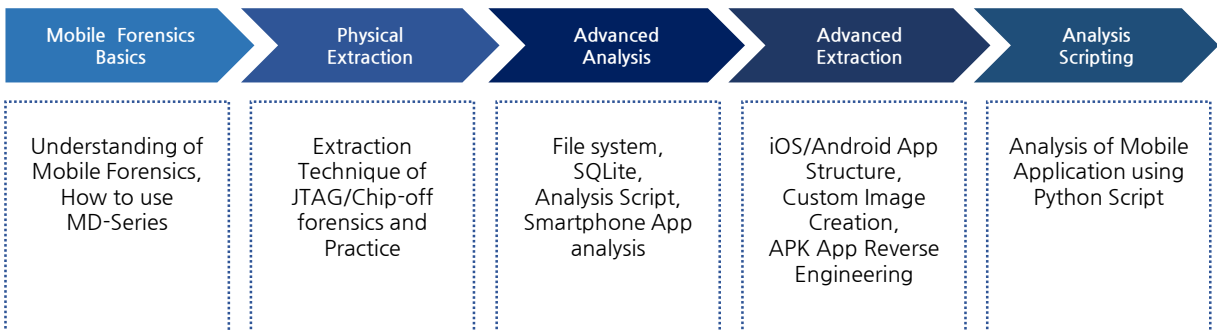
These courses cover everything about mobile forensics, including both software and hardware products.

All levels of users from beginner to expert can enhance their knowledge on mobile forensics to the point of maximizing their skill, knowledge and ability to conduct their work using MD-SERIES.

PURPOSE

These courses are established to enhance the investigators understanding of mobile forensics and increase the technical capability of using mobile forensics solution for data extraction and analysis to strengthen the investigation capabilities over mobile evidence to maximize the legal admissibility of digital evidence.

CURRICULUM ROAD MAP



* See detailed information about the courses on the last page.

* Maximum number of attendee in each course: At least 5 people

(In the case, the number of applicants failed to meet the quorum, courses are subject to cancellation or delay.)

* Inquiry and application : www.hancomgmd.com 82-31-622-6111 sales@hancomgmd.com

CURRICULUM SUMMARY

❖ Mobile Forensics Basic



Duration	Tuition Fee	Course Open	Level
2days	Please contact our sales team	Monthly open	● 2 ● ● ● ●

Day 1	Understanding of Mobile Forensics and introduction of MD-NEXT
09:40 ~ 10:35	Introduction of Mobile Forensics
10:50 ~ 11:50	Introduction of MD-NEXT
13:30 ~ 14:20	Smartphone Extraction Training I
14:35 ~ 15:25	Smartphone Extraction Training II
15:40 ~ 16:30	Smartphone Extraction Training III
16:45 ~ 17:00	Mobile Forensics Cases and Latest Issues
Day 2	Introduction of MD-RED
09:40 ~ 10:35	Introduction of MD-RED
10:50 ~ 11:50	MD-RED Analysis Model
13:30 ~ 14:20	MD-RED Analysis Review
14:35 ~ 15:25	Scenario-based Analysis Practice I
15:40 ~ 16:30	Scenario-based Analysis Practice II
16:45 ~ 17:00	Q&A, Survey, Completion of Course

❖ Physical Extraction



Duration	Tuition Fee	Course Open	Level
2days	Please contact our sales team	Quarterly open	● ● 3 ● ●

Day 1	Understanding of JTAG and Practice
09:40 ~ 10:35	Understanding of JTAG
10:50 ~ 11:50	Disassembling Device and Connecting JTAG terminal
13:30 ~ 14:20	Disassembling /JTAG Connecting JTAG terminal Practice I
14:35 ~ 15:25	Disassembling /JTAG Connecting JTAG terminal Practice II
15:40 ~ 16:30	Handling exceptions for JTAG Extraction and Know-how
16:45 ~ 17:00	Q&A
Day 2	Understanding of Chip-off and Practice
09:40 ~ 10:35	Understanding of Chip-off
10:50 ~ 11:50	Memory Removal and Reballing
13:30 ~ 14:20	Chip-off Data Extraction Practice I
14:35 ~ 15:25	Chip-off Data Extraction Practice II
15:40 ~ 16:30	Handling exceptions for Chip-off Extraction and Know-how
16:45 ~ 17:00	Q&A, Survey, Completion of Course

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CURRICULUM SUMMARY

❖ Advanced Analysis



Duration	Tuition Fee	Course Open	Level
3days	Please contact our sales team	Quarterly open	● ● ● ● 4 ●

Day 1	Understanding of File system and SQLite
09:40 ~ 10:35	Basic concept and architecture of File system
10:50 ~ 11:50	Recovery technique of File system
13:30 ~ 14:20	Mobile and Virtual File system
14:35 ~ 15:25	Basic concept and architecture of SQLite
15:40 ~ 16:30	SQLite Carving Technique
16:45 ~ 17:00	Q&A
Day 2	Introduction of MD-RED Script
09:40 ~ 10:35	Introduction of MD-RED Script
10:50 ~ 11:50	Understanding of Operation Principle of Analysis Script
13:30 ~ 14:20	Script Structure
14:35 ~ 15:25	Scripting I
15:40 ~ 16:30	Scripting II
16:45 ~ 17:00	Q&A
Day 3	Mobile Device Analysis
09:40 ~ 10:35	Introduction of Mobile Device Analysis
10:50 ~ 11:50	Android/iOS Forensics
13:30 ~ 14:20	KakaoTalk Data Decoding
14:35 ~ 15:25	Forensics and Visual Information
15:40 ~ 16:30	Images, cache, and thumbnail in the device
16:45 ~ 17:00	Q&A, Survey, Completion of Course

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CURRICULUM SUMMARY

❖ Advanced Extraction



Duration	Tuition Fee	Course Open	Level
2days	Please contact our sales team	Quarterly open	● ● ● ● ● 5

Day 1	Understanding of Intensive MD-RED and Android Custom Image
09:40 ~ 10:35	"Android Custom Image Creation I- Android System Configuration"
10:50 ~ 11:50	"Android Custom Image Creation II- Android System Boot Process "
13:30 ~ 14:20	"Android Custom Image Creation III- Custom Image I"
14:35 ~ 15:25	"Android Custom Image Creation IV- Custom Image II"
15:40 ~ 16:30	"Android Custom Image Creation V- Custom Image III"
16:45 ~ 17:00	Q&A
Day 2	Android App Analysis
09:40 ~ 10:35	"Android App Analysis I- APK Structure"
10:50 ~ 11:50	"Android App Analysis II- APK Analysis Tools and Methods "
13:30 ~ 14:20	"Android App Analysis III- APK Practice"
14:35 ~ 15:25	"iOS App Analysis I- App Structure and Binary Acquisition "
15:40 ~ 16:30	"Android App Analysis II- APK Analysis Tools and Practice"
16:45 ~ 17:00	Q&A, Survey, Completion of Course

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CURRICULUM SUMMARY

❖ Analysis Scripting

PY

Duration	Tuition Fee	Course Open	Level
2days	Please contact our sales team	Quarterly open	● ● ● ● ● 5

Day 1	Mobile App Analysis utilizing Python Script
09:40 ~ 10:35	Introduction of MD-RED
10:50 ~ 11:50	"Mobile App Analysis using Python Script I - Script Editor Environment"
13:30 ~ 14:20	"II - Basic Structure of Analysis Script"
14:35 ~ 15:25	"III - Access to File System"
15:40 ~ 16:30	"IV - SQLite DB Analysis I"
16:45 ~ 17:00	Q&A
Day 2	Mobile App Analysis utilizing Python Script
09:40 ~ 10:35	"V - Infrastructure /Standard App"
10:50 ~ 11:50	"VI - SQLite DB Analysis II"
13:30 ~ 14:20	"VII - SQLite DB Analysis III"
14:35 ~ 15:25	"VIII - XML, PLIST Analysis "
15:40 ~ 16:30	"IX - New App / New Model Registration"
16:45 ~ 17:00	Q&A, Survey, Completion of Course

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CERTIFICATION

Mobile Forensic Certification Program



❖ Certification



Certification	Test Fees	Test Dates	Level
3 Types	Please contact our sales team	Separate Notice	● ● ● 3 4 5

HCMP	Mobile Forensic Professional who can operate basic mobile forensics for physical extraction and analysis
<p>HancomGMD Certified Mobile Forensic Professional</p>	
HCME	Mobile Forensic Examiner who is equipped with advanced analytic capabilities for mobile app and data and technical skills required for HCME
<p>HancomGMD Certified Mobile Forensic Examiner</p>	
HCMS	Mobile Forensic Specialist who has better ability of python-based mobile app analysis script utilization and technical skills required for HCMS
<p>HancomGMD Certified Mobile Forensic Specialist</p>	

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