



# Course Description

<b>DF430</b> <b>ADFA-Mobile II</b>	<b>Advanced Digital Forensic Analysis:  Advanced Mobile Acquisition</b>
<b>Digital Forensics</b>	<p>This course equips digital forensics professionals with the skills, utilities, and methods necessary to acquire data from otherwise-inaccessible devices. Students learn the advanced acquisition hierarchy and when to elevate the method of acquisition—from advanced custom recovery usage to bypass passcodes, to device encryption and other security measures, and ultimately to the acquisition of a physical forensic backup of the device. Hands-on instruction and practice includes EDL methods, jailbreaking, soft rooting, hard rooting, custom recovery usage, and exploit porting; concluding with a capstone analysis block on proper methods for handling acquired data. <b>Recommended qualifications: Cellebrite CCME, GIAC GSAF, IACIS CFMDE; 5+ years experience in mobile device forensics &amp; passcode bypass.</b></p> <p><b>Acquisition fundamentals &amp; hierarchy.</b> Acquisition workflow and matrix of elevation between methods.</p> <p><b>Advanced acquisition methods.</b> Custom recovery images, rooting (soft &amp; hard methods), EDL mode.</p> <p><b>OTG passcode bypass.</b> Various tools and methods to utilize USB On The Go to attempt automated passcode bypass.</p> <p><b>Jailbreaking.</b> Modern iOS jailbreak options; when and how to properly incorporate them into the acquisition hierarchy.</p> <p><b>Advanced acquisition analysis.</b> Techniques to examine the data acquired using the methods covered in the course.</p>
<b>Classroom course</b>	
<b>4 days</b>	
<b>Prerequisite: None</b>	

To register, visit our training site at:

# www.nw3c.org

Questions? Call 877-628-7674

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