



Course Description

DF201 IDFA-AFT	Intermediate Digital Forensic Analysis: Automated Forensic Tools
Digital Forensics	<p>This course provides students with the fundamental knowledge and skills necessary to perform a limited digital forensic examination, validate hardware and software tools, and effectively use digital forensic suites and specialized tools. The course begins with a detailed study of the digital forensic examination process, including documentation, case management, evidence handling, validation, and virtualization. Students learn to use today's leading commercial and open source digital forensic suites: Magnet Axion, X-ways Forensic, and Autopsy. Instruction on each suite will include an interface overview, configuration, hashing, file signature analysis, keyword searching, data carving, bookmarking, and report creation.</p>
Classroom course	
4 days	
Prerequisite: None	

Digital forensic process. Evidence review; requests for examination; case management.

Validation. Creation of validation images; validation testing.

Effective tool usage. Tool interface; hashing; file signature analysis; data carving; searching; metadata; bookmarking.

Reporting. General report structure; report templates; using tool-generated reports.

To register, visit our training site at:

www.nw3c.org

Questions? Call 877-628-7674



"This project was supported by Grant No. 2018-MU-BX-K001 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice."