Disk Drive Imaging with the Logic Cube & the Linux Bootup Disk

Cost: $100, Limited to 10 participants per class
Registration is on a first come, first served basis.

The ½ day class starts with researching a computer on the Internet and learning about how to access the BIOS, changing the BIOS bootup sequence, and either booting up to a floppy diskette or CD-ROM with a Linux bootup disk. We will next go over making an image with the dd command in Linux and making an MD5 hash for authentication purposes. We will also open up a few computers, remove the hard drives and document the system date and time.

In the second part of the class, we will remove a hard drive from a desktop and a laptop and use a Logicube to image those drives. There will be a discussion explaining drive geometry and the difference between an image and a backup, and why an image is needed for an investigation. We will learn to print various file names contained in a drive, directories, and associated hash marks on a portable printer. The class will also discuss resources to both corporate investigators and criminal investigators such as licensed private investigation firms and the New Jersey Regional Computer Forensics Lab in Hamilton, New Jersey.

The training is of special interest to law enforcement officers as well as corporate security professionals.

Eamon P. Doherty, Ph.D., FDU Assistant Professor of Administrative Science and computer security expert, will lead the training session.

For additional course information and a current class schedule please visit our website:  www.fdu.edu/ctl

If you are interested in attending this class or any of the Cybercrime Training Lab classes, or you have any questions regarding the courses, please send an inquiry email to Dr. Eamon Doherty:  doherty@fdu.edu. Or you may call Dr. Doherty at 201.692.6524.