



Course Information:

Course # - Course Title: NWIT263 – Intro Digital Forensics

Course Format: Lectures, discussions, weekly labs, team exercises

Class Day/Time:

Semester Period:

Location:

Instructor Contact Information:

Name:

Email:

Physical Office Hours:

Virtual Office Hours:

Montgomery College Course Description:

Introduction to the techniques and tools of digital forensics investigations. The course emphasizes digital forensic procedures, digital forensic tools, and legal issues relating to digital forensics. Students receive step-by-step explanations on how to use the most popular forensic tools. Topics include coverage of the latest technology, including PDAs, cell phones, and thumb drives. This course includes many hands-on activities that allow students to practice skills as they are learned. This course is equivalent to Cyber WATCH course CW 170. (G only) (CE).

Common Course Student Learning Outcomes

Upon the completion of this course, students will be able to:

- Handle cell phone and mobile device forensics.
- Make use of current computer forensics tools.
- Perform computer forensics analysis and validation.
- Perform e-mail investigations.
- Perform network forensics.
- Present expert testimony in high-tech investigations.
- Process crime and incident scenes.
- Recover graphics files.
- Work with Windows and DOS Systems to obtain forensics information.

Required Materials:

Textbook: Guide to Computer Forensics and Investigations, 6th Edition, Bill Nelson, Amelia Phillips, Christopher Steuart, ISBN-13: 978-1337568944, ISBN-10: 1337568945.

Lab Manual: The instructor will also provide instructions for weekly hands-on.

Lab Use: Yes

Hardware: Removable storage device (for copies of VMs)

MC Bookstore: <http://www.montgomerycollege.edu/bookstore>

Evaluation:

Graded Hands-On Labs.....	20 Points
Hands-On Quizzes	40 Points
Midterm and Final Exams	40 Points
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Total Available Points	100 Points

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