Computer Forensics

Syllabus

Instructor: Yi Hu
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Office: ST 370
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Office Hours: M,T,W,R 3:00pm – 4:00pm and by appointment

Class Meeting Time: MW 7:45pm – 9:00pm
Class Meeting Place: ST 361


Prerequisites: C or better in CIT 380

Course Content: Fundamentals of computer and network forensics; forensic duplication and analysis; reconstruction of computer activities; forensics tools.

Course Topics: This course will introduce computer forensics to undergraduate students. It will cover the following topics:
- Windows Live Response
- Linux Live Response
- Network-based Forensics
- Acquiring a Forensic Data Duplication
- Forensic Analysis Techniques
- Forensic Tool Analysis

Student Outcomes: By the end of the course, students will
- Understand the correct procedure for computer forensics
- Understand what volatile or nonvolatile data are important and related to the computer forensic procedure
- Understand how forensic tools work
- Be able to use forensic tools to conduct computer forensic activities

Student Assessment Information: Students will be assessed through assignments and tests that are designed to demonstrate the student’s understanding of the materials of this class.

Grading: Assignments: 40%
Test 1 (7:45pm – 9:00pm, Wednesday, Feb. 13, 2008): 20%
Test 2 (7:45pm – 9:00pm, Wednesday, Mar. 26, 2008): 20%
Final (6:45pm – 8:45pm, Wednesday, May 7, 2008): 20%

Grading Procedure for Assignments:
Students should turn in their assignments in hard copy in class on the due date for each assignment. For an assignment turned in after the due date, 10% of your score will be deducted for every calendar day that the assignment is late. Also, once the solution to an assignment has been discussed in the class or posted on NKU’s Blackboard System, no late assignment will be accepted.

Absentee Policy: Students should make their best efforts to attend each class. If you missed any class, you are responsible for any content covered in that class.

Make-up Test: Only for a reasonable reason a student can be allowed to have a make-up test for one of the missed tests. The student needs to notify the instructor immediately after the missed test with a verifiable reason. After getting the permission for the make-up test from the instructor by email, the student will be given a make-up test. A student can only have one make-up test for this class.

Disability Disclosure: Students with disabilities who require accommodations (academic adjustments, auxiliary aids or services) for this course must register with the Disability Services Office. Please contact the Disability Service Office immediately in the University Center, Suite 320 or call (859)572-6373 for more information. Verification of your disability is required in the Disability Services Office for you to receive reasonable academic accommodations.