

CF-101 Introduction to Cyber Crime Course Syllabus - 2006

Course Instructors:

Dr. David Dampier
Phone: 662-325-8923
Email: dampier@cse.msstate.edu

Gary Cantrell
Phone: 662-325-2756
Email: cantrell@cse.msstate.edu

Kendall Blaylock
Phone: 662-325-2422
Email: kblaylock@gmail.com

Course Description:

CF101 is designed as an introduction to cyber crime and computer forensics. It has been designed to be especially useful for first responders and investigators both. It provides detailed bag-and-tag information, an introduction to the basic concepts of cyber crime and computer forensics, and lays ground work for more advanced concepts.

Course Objectives:

On the completion of the course the student will be familiar with the basics concepts of cyber crime and computer forensics. Furthermore, they will be able to perform a search and seizure that results in evidence that is admissible in a court of law.

Course Requirements:

There are currently no prerequisites for this course.

Fees:

This course is free to any law enforcement official in the Southeast region of the US. Any other applicant may inquire about attendance through our director Dr. David Dampier.

Food and Lodging:

Food and lodging will be supplied by Mississippi State University for the duration of the course. Lodging is supplied in the form of a local hotel. Food is provided as catering or reimbursement.

Registration:

All students must register prior to attending this course. Registration can be made:

Online: <http://security.cse.msstate.edu/ftc>

By Phone: 662-325-2756

By Mail: Through letter or with the use of the registration form found in our brochures.

Completion Conditions:

A student is considered to have completed this course if he/she attends all three days, and satisfactorily completes the assigned exercises/tasks/tests. On completion each student is presented with a certificate of completion for CF-101.

Schedule:

This is a three day course and, unless otherwise stated, runs from 0800 to 1700 for the first two days and 0800 to 1200 on day 3. Instruction time totals 18 hours.

Topics:

Topics in this course include the following:

- Basic introduction to cyber crime
- Basic introduction to computer forensics
- Computer hardware and software overview
- What is and how to treat digital evidence
- The basics behind hard disk structure
- RAM slack, Disk slack, and File slack
- What is and how to create a forensically sound copy of digital evidence
- An overview of data recovery
- Detailed bag and tag instruction
- Special topics provided by the MS Attorney General's Office