

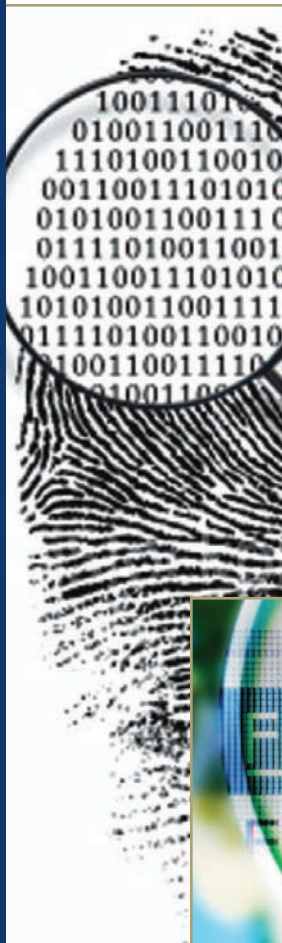
Certificate in

Computer Forensics II

PROFESSIONAL DEVELOPMENT

GET UP TO SPEED ON CURRENT TRENDS

Criminals have gone high tech. Computers can be used for virtually any type of crime, including cyber-stalking, child pornography, identity theft and espionage. It's the job of computer forensics professionals to use technology to catch and stop these criminals. To do so effectively, however, requires periodic updates to stay current with the latest technology and trends in computer investigation.



If you have an understanding of computer forensics, but want to acquire detailed information on specific computer forensic topics, this program is just what you need. In each class, you will explore in-depth, specific topics.

Graduates of this program will:

- Have an in-depth understanding of computer forensics practices and techniques
- Be able to construct a sound and defensible forensic report
- Have the knowledge to identify technology communication tools and investigate their use in a crime
- Understand the role of forensic examiners during incident response

Prerequisites:

All classes require the completion of Computer Forensic I or special permission of the program manager.

WHO SHOULD ATTEND?

This program is appropriate for anyone who has completed our Certificate in Computer Forensics I, and wants to gain more in-depth knowledge. This includes, but is not limited to:

- Computer forensics professionals
- Law enforcement officers
- Information technology specialists
- Systems analysts
- Network administrators
- Security administrators

Register today at www.csufextension.org or 657.278.2611

For more information, contact Veronica Martinez: 657.278.3123, vmartinez@fullerton.edu

Cal State Fullerton
university extended education
www.csufextension.org

THE CLASSES

The Certificate in Computer Forensics II consists of three courses. To receive a Certificate in Computer Forensics II, you need to complete course work totaling a minimum of 24-hours of lecture and discussion. Upon completion the certificate graduate will receive 2.4 Continuing Education Units (CEUs).

FORENSIC LOOK AT WINDOWS FILE SYSTEMS

(8 hours/0.8 CEUs)

Prerequisite: Completion of Computer Forensics I or permission of program manager. Most digital evidence in a PC is stored within the computer's file system and understanding the file system can be challenging. This class will examine in detail what every forensic examiner should know when it comes to the various Windows file systems and how to properly forensically analyze user activity. Discussions will focus on the data forensic examiners expect to recover and the tools used to recover it. File systems that will be examined include Windows 9x, XP and Vista. Participants will take part in a Windows file system forensic analysis and discover the evidence that could solve a case.

DIGITAL FORENSIC INCIDENT RESPONSE

(8 hours/0.8 CEUs)

Prerequisite: Completion of Computer Forensics I or permission of program manager. In this class participants will gain the knowledge of how to forensically approach an incident from first response through a forensic investigation. Discussions will provide a comprehensive review of current technology threats and how to properly respond. Participants will use case studies to understand the various aspects of how to prepare for and correctly respond to an incident.

INTERNET AND EMAIL FORENSICS

(8 hours/0.8 CEUs)

Prerequisite: Completion of Computer Forensics I or permission of program manager. Internet artifacts and email have become focal points in employment disputes, intellectual property theft and computer crimes. Participants in this class will discuss current forensic techniques for finding and documenting such evidence. This class will provide a comprehensive forensic review of cookies, browsers, history files, Internet caches, client/server email, and webmail. Through forensic case studies, participants will gain an understanding of how to forensically approach an internal or external Internet/email investigation.

For more information www.csufextension.org or
contact Veronica Martinez: 657.278.3123, vmartinez@fullerton.edu