



Fundamentals of Cybersecurity Certificate

February 1-5, 2016 @UofM

FedEx Institute of Technology | Room 225 | 365 Innovation Drive

This foundational program in cybersecurity is designed to cover the fundamentals of cybersecurity and cybersecurity vulnerabilities. Information Technology background is required. A laptop is required for one day hands-on exercises.

Schedule: Morning Session: 8:30 AM – 12:00 PM
Afternoon Session: 1:00 PM – 4:30 PM

Topics Include:

- Introduction to cybersecurity
- Recent cybersecurity attacks
- Cybersecurity attack methods
- Behavioral and managerial aspects of cybersecurity
- Cybersecurity policies, standards and practices
- Software vulnerabilities
- Secure design and coding techniques
- Virtualization security and cloud models
- Cryptography, RSA, DES, SSL, TLS
- Penetration testing
- Web application security testing
- Risk-based security testing
- Secure Software Development Lifecycle
- Static and dynamic testing software

Registration Fee: *\$2000*

- Fee includes lunch, morning & afternoon snacks, and parking
- Refund Policy: Non Refundable after two weeks prior to workshop

Questions? Contact: Prof. Mark Gillenson
Mark.Gillenson@memphis.edu
(901) 678-5607

Tammy Alexander
Tammy.Alexander@memphis.edu
(901) 678-1589

For more info and to register click here: http://www.memphis.edu/tnstc/cyber_security.php

The University of Memphis is a National Center of Academic Excellence in Cyber Defense Research (CAE-R), as designated by the National Security Agency and the U.S. Department of Homeland Security.

