



March 2009

ISACA Pittsburgh Chapter Spring Seminar

Information

ISACA Pittsburgh Chapter invites you to attend a two day training seminar on **March 30-31, 2009**

Location

Four Points Sheraton
Pittsburgh North
910 Sheraton Drive
Mars, PA 16046
(724) 776-6900

Registration – 7:30 a.m.

Session – 8:30 – 5:00 (both days)

Cost

ISACA Member - \$200
Non-Member - \$400

Prerequisites

Basic understanding of general IT concepts

Program Duration

Two Days - 16 CPEs

Registration Deadline

March 25, 2009

Contact Us

<http://www.isacapgh.org/>

ISACA

Pittsburgh Chapter

Invites you to attend the

Two-Day Spring Seminar

March 30-31, 2009

Featuring Presentations on:

“Control & Security of Enterprise Wide E-Commerce”

and

“Constructing Risk-based Audit Programs”



About the Instructor

**Jeff Conner, Senior Consultant
Canaudit**

Jeff Conner has been with the company for the past nine years. He specializes in performing computer forensics, Intranet, Internet, and Extranet penetration audits, along with providing network and system security consulting. As a nationally and internationally experienced instructor and conference speaker, Jeff uses his vast experience with system and network security in the corporate world along with the many penetration audits he has conducted to help students understand the sometimes complicated and technical security issues.

Jeff spent 22 years with Southwestern Bell, one of the Nation's largest Regional Bell Operating Companies. He has over 17 years of diverse experience within the Audit and Security realm. Specifically, he has involved himself with Data Center User Administration, UNIX technical support, Network and Computer Security, Security Awareness Development and Training, TCP/IP Training, and Intranet/Internet Security Counseling and Implementation. He was a key figure in the installation of the company's Internet Firewall, FTP server, and World Wide Web Server.

Jeff has also performed multiple hacker investigations and interrogations and has an extensive background in computer forensics. He has taught Internet Security and Penetration Testing classes at Washington University in St. Louis, MO.

“Control & Security of Enterprise Wide E-Commerce”

Who Should Attend: This seminar is designed for auditors, security officers and business professionals.

Seminar Outline

I Introduction

- Evolution of E-commerce
- Brick and click versus dot.gone
- Fully integrated web commerce
- E-commerce functionality
- Cyber crime and other threats
- Business globalization through E-commerce
- Practice business examples

II Information Security in the E-Commerce World

- Security issues abound! Choosing the right battles!
- SAS-70 reports – can you rely on them?
- Business continuance and fail over mechanisms
- Electronic theft and corporate espionage
- Protecting confidential client information
- Denial of Service attacks, Trojan programs and back doors
- Software failure
- Hardware and network failure
- Human error
- Cryptography and Encryption
- Digital Signatures and other techniques
- Risk / Control Tables
- Audit Checklists

III Protecting the E-Commerce Environment

- Safe and sane design concepts
- Using zones to enhance security
 - The Internet zone
 - The Extranet zone
 - The Intranet zone
- Building, configuring and protecting the firewalls
- Understanding and controlling port access control and security of VPN's
- Secondary authentication techniques
- Protecting your E-commerce servers
- Risk / Control Tables
- Audit Checklists

IV Protecting E-Commerce Data

- Ending misconceptions of “Internet theft”
- The outward approach to data security
- Securing the data
- Securing the operating systems
 - Securing Unix
 - Securing Windows
- Network security
- Risk / control tables & Audit Checklists

V Legal Issues Relating to E-Commerce

- Legal changes to facilitate E-commerce
- Contracts and agreements
- Acceptance and proof of delivery
- E-commerce in the courtroom
- Business records on trial risk / control tables
- Creating good E-commerce contracts
- Risk / control tables Audit checklists

VI Certificates and Non-Repudiation

- Digital certificates
- Certificate authorities
- Issuing and controlling certificates
- Non-repudiation: Requirements for Internet business
- Risk / control tables
- Audit checklists

VII Auditing an E-Commerce Application

- Overview of the application
- The audit guide
- Process analysis
- Anticipated controls
- Risk assessment
- Identifying potential Fraud
- Items with cash flow potential
- Risk /control tables
- Audit checklists



About the Instructor

Chris Carmody, MBA, MS, CISA

For the past 8 years, Chris has trained students and auditors in a variety of key professional and technical courses spanning the concepts of information system auditing, security, and risk management. These courses have included: IT Audit and Security; Audit Communications; Auditing Acquisitions and Development Projects; Ethics and Regulatory Issues; Risk Management; A Practical Approach to CobiT. These courses have been delivered at Duquesne and Point Park Universities, corporate clients, and the Pittsburgh and Central Florida chapters of ISACA.

Beyond the classroom, Chris serves as IT Director for one of the nation's largest integrated healthcare providers with 1,500 IT professionals. His responsibilities include the successful implementation of Sarbanes-Oxley compliance, Capability Maturity Model Integration (CMMI) based process improvement, Communications, Organizational Training, and Strategic Planning. Chris previously served as IT Audit Manager within the organization.

Chris obtained a B.A. degree in Accounting with a minor in Business Administration from Westminster College and a Master of Business Administration (MBA) and Master of Information Systems Management (MS) from Robert Morris University. In addition, he serves as an affiliate at CMU's Software Engineering Institute and holds the CISA designation.

“Constructing Risk-based Audit Programs”

Who Should Attend:

This course is intended for those new to the audit profession, as well as seasoned audit professionals seeking to perform more value-added audits.

Course Background:

Too many IT auditors approach the development of their audit programs by using “straight from textbook”/“checklist” approaches. They copy an IT audit program from some website and bypass the critical steps necessary to focus the audit using risk-guided precision. They end up spending too much time performing non value-added work and not enough on the processes and controls that represent the critical aspects of the business. This course explores the practical skills necessary to efficiently and effectively apply risk assessment approaches to build risk-aligned IT audit programs.

Seminar Outline

- Recalibrate Risk Understanding (Terms, Definitions, Application and Context)
- Surveying the Landscape (Identifying Business Threats and Vulnerabilities That Really Matter and Have Real Probability and Impact)
- Building Relationships (Utilizing Knowledge Maps to Navigate to the Correct Client-Source)
- Controls and Safeguards (Determining Appropriateness, Effectiveness and Gaps)
- Qualitative, Quantitative and Hybrid approaches (Alternative Risk Assessment Methods)
- Judgment Day (Establishing and Maintaining Objectivity)
- Show Me the Money (Identifying and Leveraging Risk Metrics)
- One, Two, Three, (Steps to Build an IT Audit Program)
- Needle in the Haystack (Narrowing the Scope and Focusing Effort)
- Hands-On, Instructor Led Exercises (Risk Assessments and Development of Audit Programs)
- Approaching the Next IT Audit (Building Upon the Risk Focus)



Spring Seminar Registration Form

Name _____

Company _____

Address _____

City/State/Zip _____

Phone Number _____ FAX _____

E-Mail _____

(Circle one) ISACA Member /Non-member Membership#: _____

Seminar Fee

	Member	Non-Member
_____ 1. Control & Security of E-Commerce	\$200	\$400
_____ 2. Constructing Risk-based Audit Programs	\$200	\$400

Please select the track for which you are registering (check only one).

Please register with: Bob Hurni, BNY Mellon (412) 234-5104 / robert.hurni@bnymellon.com

Please make checks payable to "ISACA - Pittsburgh Chapter." Mail completed forms and checks to: P.O. Box 544, Pittsburgh, PA 15230. Checks for e-mailed registrations must be presented at the conference registration table. No Master Card, VISA or other charge cards will be accepted. Please remember, ISACA is responsible for cancellation fees. Therefore, if you cancel after March 25, 2009, a 50% charge will be assessed for the cost of the cancellation if a substitute attendee is not found. Please note: CPEs will not be awarded until full payment is received.

ISACA holds the right to cancel any seminar track due to low enrollment or other circumstances deemed necessary, in which you will be accommodated in another track or have the entire fee amount refunded.

Meals - Continental Breakfast, mid-morning & mid-afternoon refreshments, and lunch for both days are included in the seminar price.

Seminar Attire - Business Casual (No Jeans, Sweats, or Tennis Shoes, please!)

Continuing Professional Education Credits - 16 CPE credits awarded.

For additional Information - Please call or write Bob Hurni (412) 234-5104 / robert.hurni@bnymellon.com

Registration Deadline: March 25, 2009

Four Points Sheraton Pittsburgh North

910 Sheraton Drive

Mars, PA 16046

(724) 776-6900

Registration will begin at 7:30 a.m. on Monday, March 30, 2009. Sessions will begin at 8:30 a.m. and conclude at 5:00 p.m.

Directions:

From Pittsburgh and Points South – Take I-279 North to I-79 North to Exit 76 (Old Exit 25) (Cranberry Exit). Go North on Rt. 19 to first stop light. Turn right onto Freeport Road (at Bob Evans Restaurant). Make first right onto Sheraton Drive.

From Points East – Take PA Turnpike to Exit 28 (Old Exit 3). Turn South on Route 19 toward Pittsburgh. At first light make left onto Freeport Road (at Bob Evans Restaurant). Make first right onto Sheraton Drive.

From Erie and Points North – Take I-79 South to Exit 78 (Old Exit 25) (Cranberry Exit). West (right) onto 228 to first traffic light that is Rt. 19. Turn left onto Rt. 19 South. At the second traffic light, turn left onto Freeport Road (at Bob Evans Restaurant). Proceed and make first right onto Sheraton Drive.

From Pittsburgh International Airport – Follow signs to Pittsburgh – Route 60 South. Stay on Route 60 South watching for I-79 North signs. Follow I-79 North to Exit 76 (Old Exit 25) (Cranberry Exit). Turn North on Route 19 to first stop light. Turn right onto Freeport Road (at Bob Evans Restaurant). Make first right onto Sheraton Drive.