

# The Graduate School of Management at the University of Dallas



Center for Academic Excellence in Information Assurance

PROTECTING, DEFENDING AND SECURING THE DIGITAL WORLD

## Third Quarter IA Lecture Series

Fall Classes

CISSP Bootcamp

IA Graduate Certificate

Alumni Needed

August 2009

### THIRD QUARTER IA LECTURE SERIES



#### Understanding and Preventing Corporate Espionage

Kai Axford, MBA, CISSP, MCSE

Sr. Security Strategist

Microsoft Trustworthy Computing Team

Many analysts have stated that the key issue facing corporate customers today is the threat of targeted corporate espionage coming from within the organization. Join Kai Axford, a security strategist from the Microsoft Trustworthy Computing team for an entertaining and engaging session, as he shares real stories from the trenches about the risk this threat presents for both you and your customers. He'll demo the means by which these attacks occur and discuss the mindset of the attackers. Don't miss the chance to see how this is done!

**Date:** Friday, September 11, 2009

**Time:** 3:30 - 4:30

**Location:** 7460 Warren Parkway

Suite 100

Frisco, TX 75034

**1 CPE granted**

RSVP to Erin by Monday September 7, 2009 :

[eangelico@gsm.udallas.edu](mailto:eangelico@gsm.udallas.edu)

### Fall classes starting Saturday, still time to register.

Hi there! This is a message from your Student Advisors, Jessica Brewer and Christine Bible. We wanted to let you know that there is still time to register for Fall Tech classes!! Register by this Friday, August 21st. If you need any help registering, we would love to hear from you. Students with last names beginning with A-L, please contact Jessica; students with last names beginning with M-Z,

please contact Christine. Our contact information is below. We look forward to hearing from you!

Sincerely,

Jessica Brewer, [jbrewer@gsm.udallas.edu](mailto:jbrewer@gsm.udallas.edu)  
972-721-4020

And

Christine Bible, [cbible@gsm.udallas.edu](mailto:cbible@gsm.udallas.edu)  
972-721-4018



## IA Fall Class Offerings:

### **TECH 5350 Principles of Information Assurance (3 c.h.)**

Offered Online this term.

Description: Provides an understanding of communications and IT infrastructures, their vulnerabilities as well as the size and complexity of security threats faced by enterprises. Building on an understanding of these infrastructures, the development of security practices, policies, awareness and compliance programs, and legal and regulatory issues will be examined. Development of a threat assessment mapped to a solution that is supported with a cost/benefit analysis will also be developed. A review of the GSM Security Hierarchy model will be used to examine the many elements of a secure system.

### **TECH 6355 Trusted Systems (3 c.h.)**

Offered in Frisco this term.

Prerequisite(s): TECH 5350 Principles of Information Assurance

Description: Based upon the U.S. Trusted Computer Systems Evaluation Criteria, students will undertake a study and review of US policy in this area and be able to apply these criteria in a real world situation. Focuses on configuration management consisting of four separate tasks: 1) identification, 2) control, 3) status accounting, and 4) auditing of systems, including operating systems.

### **TECH 6357 Securing Electronic Business (3 c.h.)**

Offered Online this term.

Prerequisite(s): TECH 5350 Principles of Information Assurance

Description: Presents an overview of the many facets of eBusiness, the size and expected growth of the eBusiness markets and their complexity. eBusiness and EDI systems and security parameters are explored. All facets of securing eBusiness including access controls, authentication, confidentiality, data integrity, and non-repudiation are covered and defenses against DDOS attacks. Security by diversity and security in depth will be presented as fundamental requirements.

### **TECH 7350 Managing Information Security (3 c.h.)**

Prerequisite(s): TECH 5350 Principles of Information Assurance  
Description: Advanced study course in information assurance. The focus is on applying the various specific information assurance concepts, understandings, methods, processes and tools for the previous IA, Telecommunications and IT courses taken by the student to formulate the basis for sound business decisions. Though the course will assume that the student has a certain level of comfort across the technologies that are fundamental to the Internet, the course is not an engineering level course.

### **TECH 7355 Information Security Risk Mitigation (3 c.h.)**

Offered Online this term.

Prerequisite(s):

TECH 5350 Principles of Information Assurance

TECH 6350 Cryptography and Network Security

TECH 6355 Trusted Systems

Description: Examines in detail effective risk assessment programs, disaster recovery planning, how to interpret the sources and levels of risk, how to apply appropriate defensive systems employing security by depth and diversity concepts, EMI/RFI risk minimization approaches, and back-up and recovery procedures. An in-depth exploration of the issues involved with multiple sign-ons and passwords is covered, as is a thorough examination of the principal modes, types and tools of attack.

## **CISSP Bootcamp**



The University of Dallas, in partnership with IP3, Inc. is proud to offer a leading information security certification prep program developed by top industry professionals. This 5 day CISSP class has received glowing responses from students in government, industry, and academia.

**Date:** September 14-18, 2009

**Location:** University of Dallas Frisco Learning Center  
7460 Warren Parkway  
Suite 100  
Frisco, Texas 75034

### **The CISSP UD/IP3 Boot Camp Package includes the following:**

- 5 Day Classroom Training Seminar covers Common Body of Knowledge
- A choice between an 8GB iPod Touch or an 80GB iPod Classic preloaded with CISSP podcasts of each session for on the go review
- Free seat in the 2 day IP3 Strategy to Reality Workshop at the University of Dallas in early Spring 2009
- On-line live CISSP® certification training sessions
- 300+ page workbook developed by IT security professionals  
Transcender® Practice Exams for each domain to help prepare you for the grueling 6-hour certification test
- "The CISSP® Prep Guide" by Shon Harris- written one of the industry's best books on CISSP® exam preparation!
- Online forum for inter-classmate discussion when class is not in session.

- CD with Security Tools
- National Institute of Science and Technology (NIST) Glossaries, Orange Book and 800-12 guides

**Cost:**

The IP3 rate is \$2495.

The UD special rate offers for the extensive CISSP Boot Camp Package program is as follows:

- UD Students - Please contact Jennifer at [jhoward@gsm.udallas.edu](mailto:jhoward@gsm.udallas.edu) for special reduced pricing and pricing codes.
- Corporate Individuals affiliated with UD (not UD students) - \$1895.00 (registration code UDCORP)
- Corporate Groups (5 or more from the same corporation) - \$1695.00 (UDGROUP)

To read more about this training, please visit: <http://ip3inc.com/cissp.htm>

To register, please visit: <http://ip3seminars.com/cissp/register.php>

## IA GRADUATE CERTIFICATE



The University of Dallas remains only one of seven universities in the world (and the only university in Texas) designated by NSA and DHS to meet all six NSTISSI/ CNSS standards 4011, 4012, 4013, 4014, 4015 and 4016. Students that complete the classes below can receive the certificates for 4011-4013 or 4011-4016. Students do not need to wait for graduation to receive the certificate. As soon as you take your last IA class, apply and receive your certificate.

### Level 1 NSA Cert 4011 - 4013

Requirements: 15 Credit Hours listed below

TECH 5350 Principles of Information Assurance  
 TECH 6350 Cryptography and Network Security  
 TECH 6355 Trusted Systems  
 TECH 6357 Securing Electronic Business  
 TECH 7355 Information Security Risk Mitigation

### Level 2 NSA Cert 4011-4016

Requirements: 18 Credit Hours listed below

TECH 5350 Principles of Information Assurance  
 TECH 6350 Cryptography and Network Security  
 TECH 6355 Trusted Systems

TECH 6357 Securing Electronic Business  
TECH 7350 Managing Information Security  
TECH 7355 Information Security Risk Mitigation

For more information, please visit: <http://www.udallas.edu/gsm/ia/iacertificates.cfm>



## Calling all Alumni

We are looking for a few Alumni to submit articles to the IA monthly newsletter. If you are interested, please contact Erin at [eangelico@gsm.udallas.edu](mailto:eangelico@gsm.udallas.edu)

[Forward email](#)

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