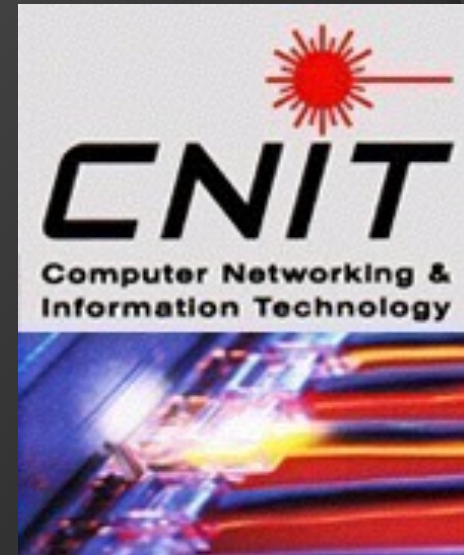


Security Training at CCSF



A.A. Degree

Courses Required for the Major in Computer Networking and Information Technology

Core Courses	Units
CNIT 103 Computer Hardware	3
CNIT 106 Introduction to Networks or CNIT 201E Networking Fundamentals	3
CNIT 131 Internet Basics and Beginning HTML.....	3
CNIT 120 Network Security	3

Option in Network Security

Required

CNIT 121 Computer Forensics	3
CNIT 122 Firewalls	3
CNIT 123 Ethical Hacking & Network Defense.....	3
Total Units.....	21

Certificate of Accomplishment in Cybersecurity

Required Courses

Course.....	Units
CNIT 40 DNS Security	1
CNIT 106 Introduction to Networks or CNIT 201E Network Fundamentals.	3
CNIT 120 Network Security	3
CNIT 121 Computer Forensics	3
CNIT 122 Firewalls	3
CNIT 123 Ethical Hacking.....	3
Total	16

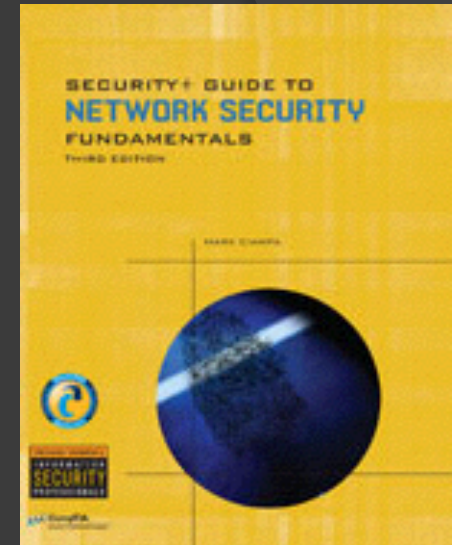
Certificate of Achievement in Advanced Cybersecurity


Required Courses

Course.....	Units
CNIT 106 Introduction to Networks or CNIT 201E Network Fundamentals.	3
CNIT 120 Network Security	3
CNIT 121 Computer Forensics	3
CNIT 124 Advanced Ethical Hacking.....	3
CNIT 125 Information Security Prof Practices	3
CNIT 126 Practical Malware Analysis	3
Total	18

CNIT 120: Network Security

Fundamentals of Network Security
Preparation for Security+ Certification
Essential for any Information
Technology professional



 **CompTIA.**
the Computing Technology Industry Association

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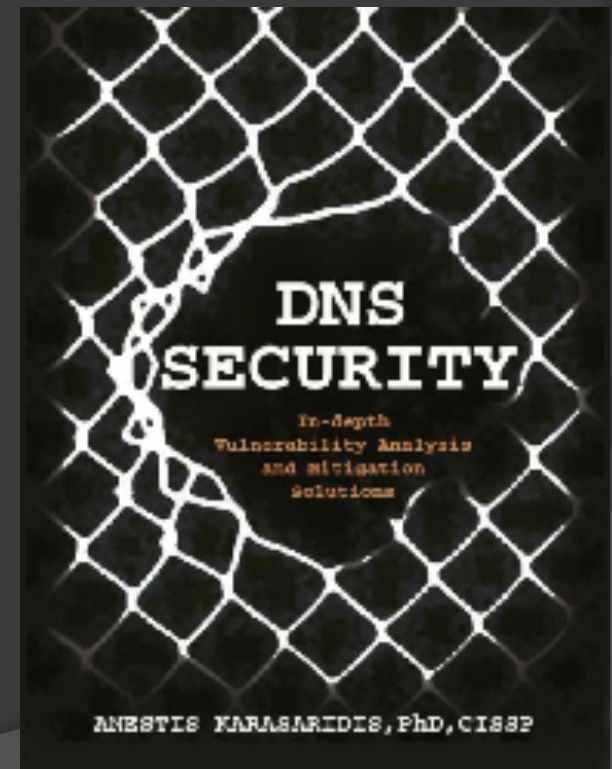
CompTIA Security+™ Certification

"Benchmarking foundational skills through the CompTIA Security+ certification and then adding progressive layers of expertise seems to us to be absolutely the right thing to do, from both the customer and employee standpoints."

*Steve Jordan, Vice President
System Engineering & Consulting, McAfee, Inc.*

CNIT 40: DNS Security

- **Configure and defend DNS infrastructure**



CNIT 121: Computer Forensics

- ◉ Analyze computers for evidence of crimes
- ◉ Recover lost data



CNIT 122: Firewalls

- ◉ Defend networks

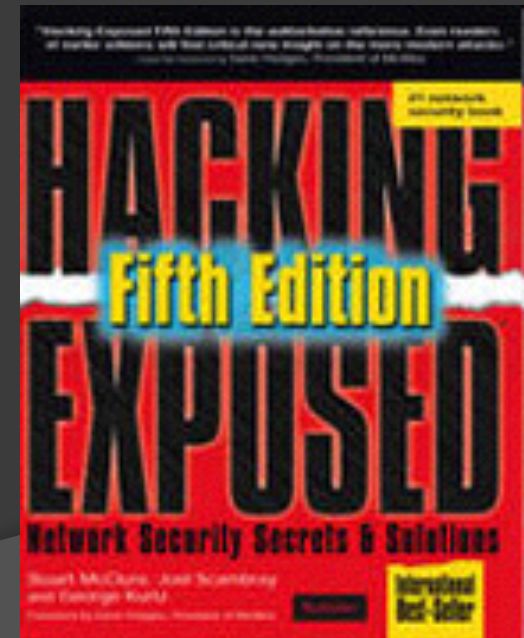
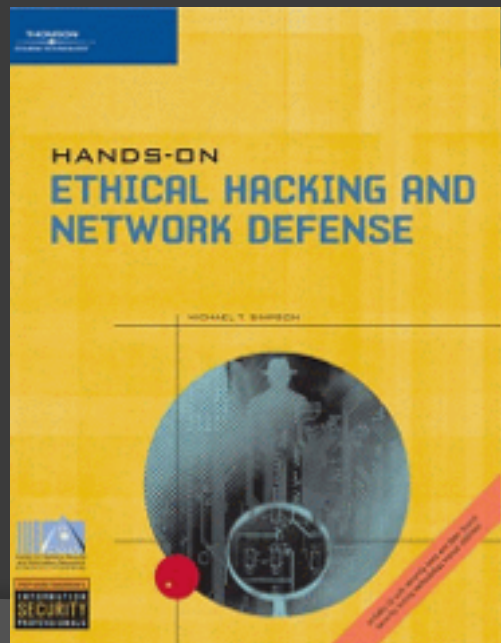


Two Hacking Classes

Perform real cyberattacks and block them

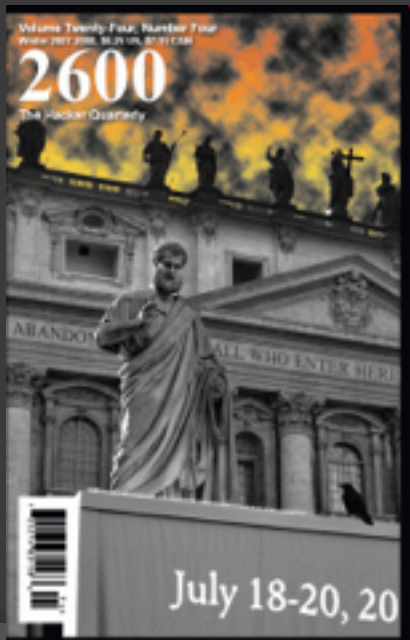
CNIT 123: Ethical Hacking and Network Defense

CNIT 124: Advanced Ethical Hacking



Supplemental Materials

Projects from recent research
Students get extra credit by
attending conferences



Certified Ethical Hacker

- CNIT 123 and 124 help prepare students for CEH Certification



The illustration shows a man in a white shirt and tie, carrying a large red pencil, holding a laptop. The laptop screen displays a globe. Several arrows point towards the laptop, labeled with threats: Trojans, DDoS Attacks, Virus, Worms, and Spam. The man's shirt has 'CEH' written on it.

**Defend your Network
Against Hackers.**

**Master the Hacking
Technologies.**

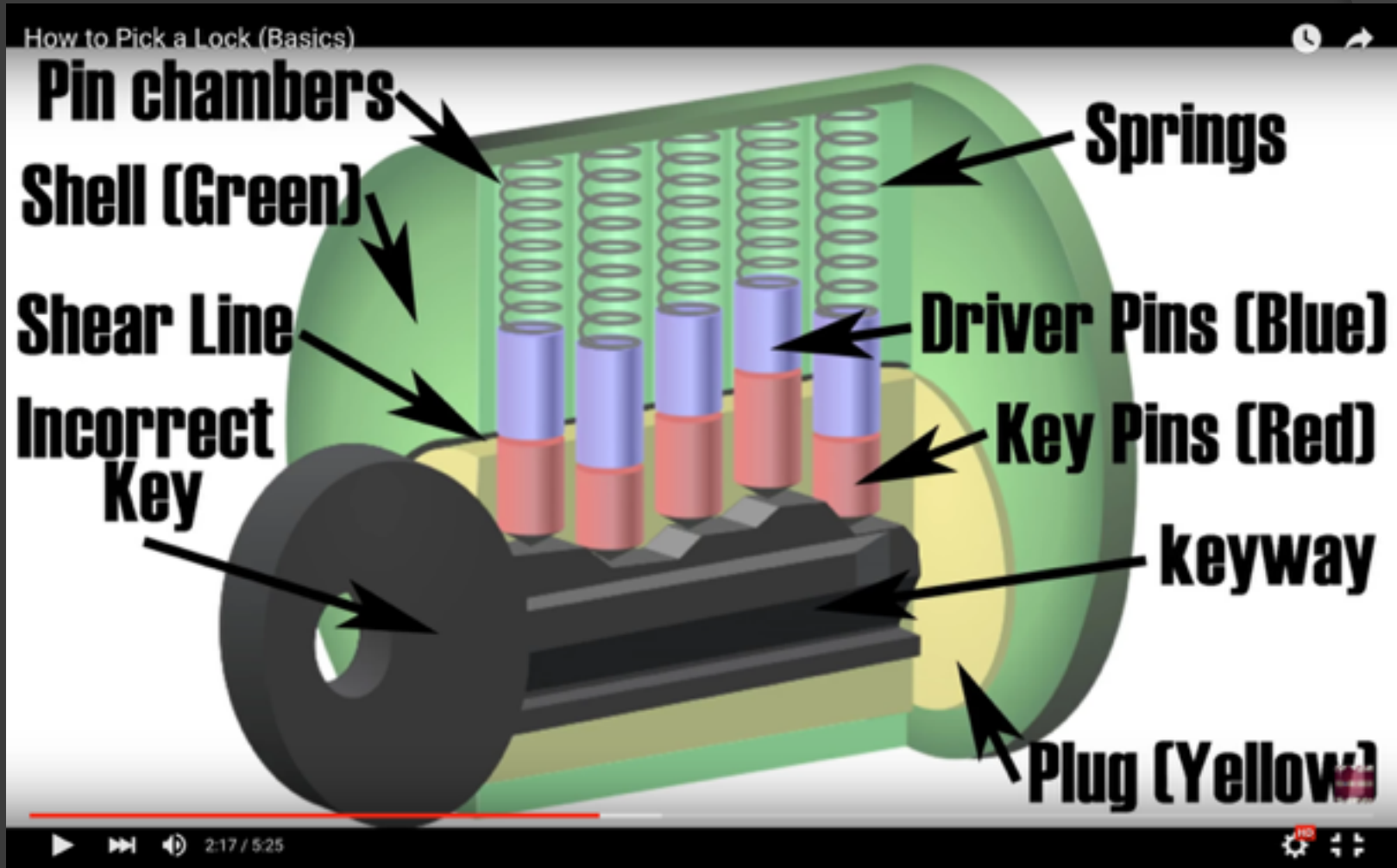
**Become a
Certified Ethical Hacker.**

Ethical Hacking and Countermeasures

<http://www.eccouncil.org>

EC-Council

Lockpicking



CNIT 125: Information Security Professional

- **CISSP – the most respected certificate in information security**



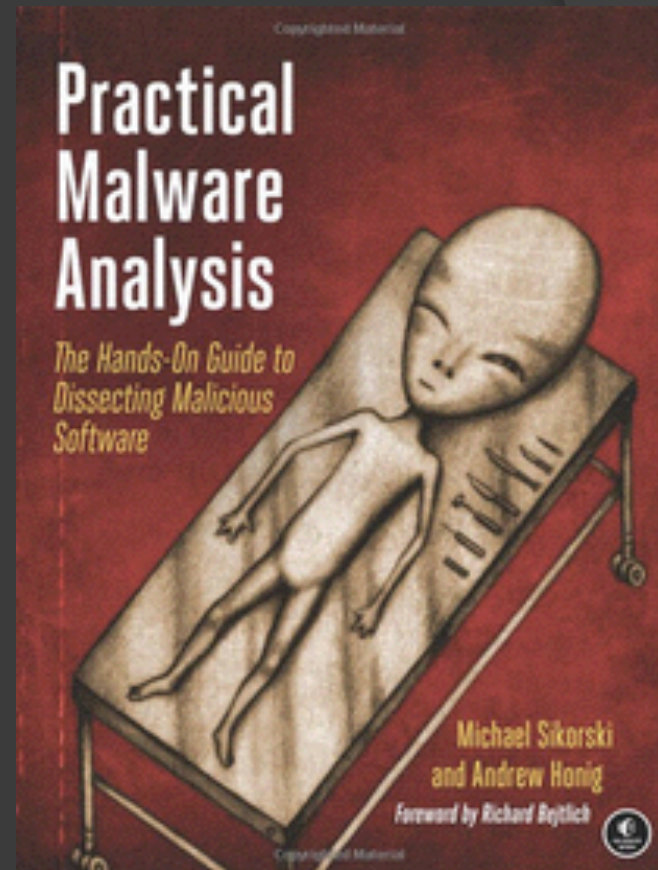
The Certification That Inspires Utmost Confidence

If you plan to build a career in information security – one of today's most visible professions – and if you have at least five full years of experience in information security, then the CISSP® credential should be your next career goal. It's the credential for professionals who develop policies and procedures in information security.

The CISSP was the first credential in the field of information security, accredited by the ANSI (American National Standards Institute) to ISO (International Organization for Standardization) Standard 17024:2003. CISSP certification is not only an objective measure of excellence, but a **globally recognized** standard of achievement.

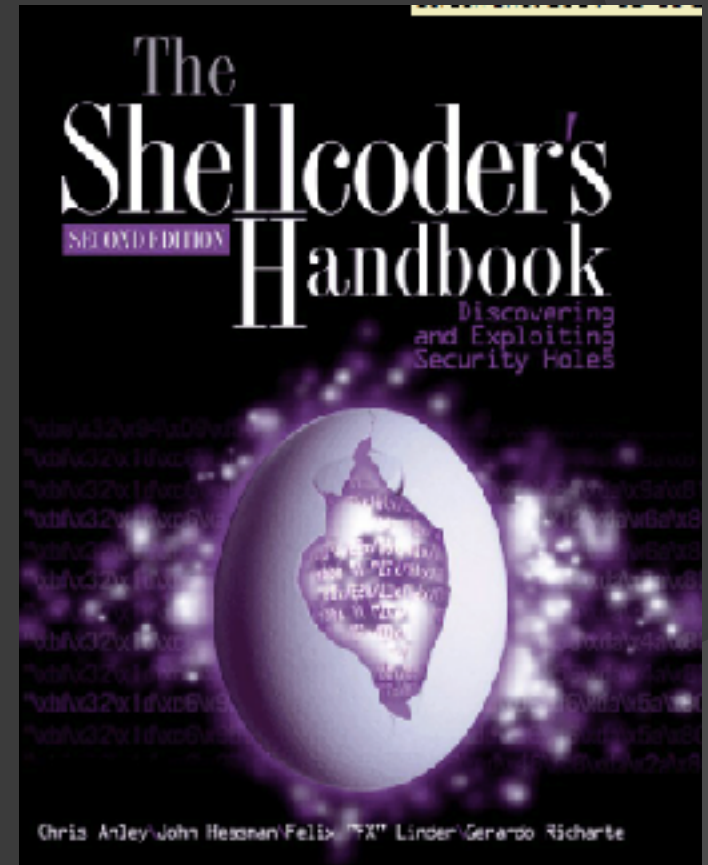
CNIT 126: Practical Malware Analysis

- Incident response after intrusion



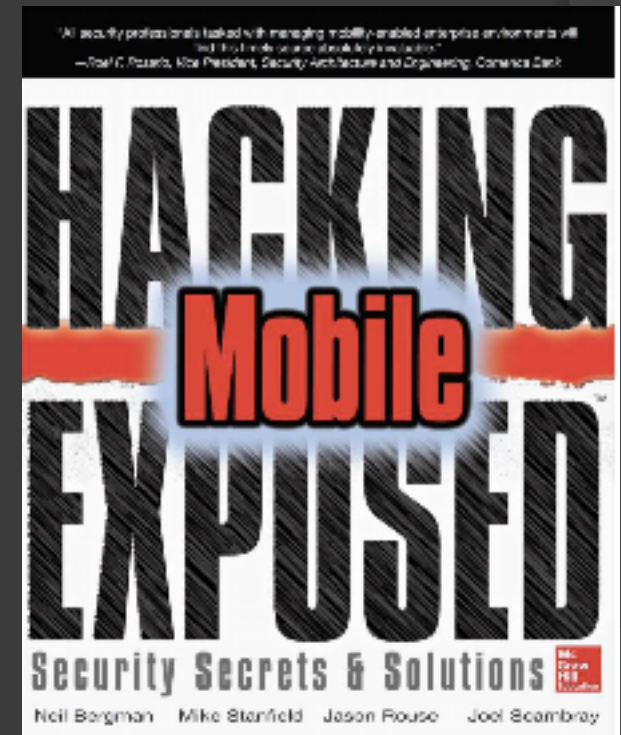
CNIT 127: Exploit Development

- Turning crashes into remote code execution
- Buffer overflows
- Return-to-libc
- Return Oriented Programming



CNIT 128: Hacking Mobile Devices

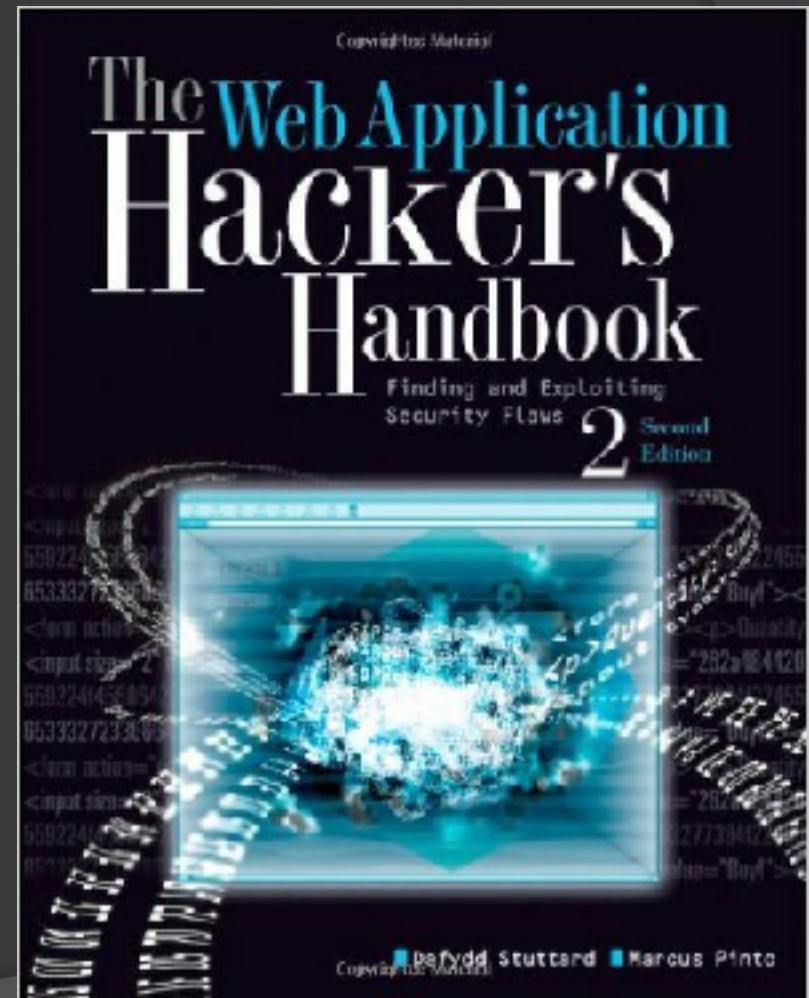
- Rooting and jailbreaking
- Android security model
- Locking, remote location, and remote wipe
- Mobile payment, including Google Wallet



CNIT 129S: Securing Web Applications

New in Fall 2016

- Techniques to breach the security of Web applications, and to protect them



CNIT 140: IT Security Practices

Preparing for Cybercompetitions

- Join CCSF_HACKERS
- Compete for national prizes & glory



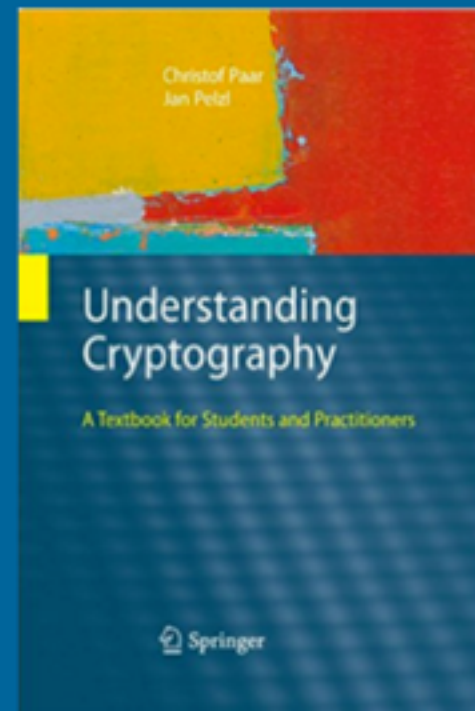


Optional book (\$33)
[Free online version](#)

CNIT 141: Cryptography for Computer Networks

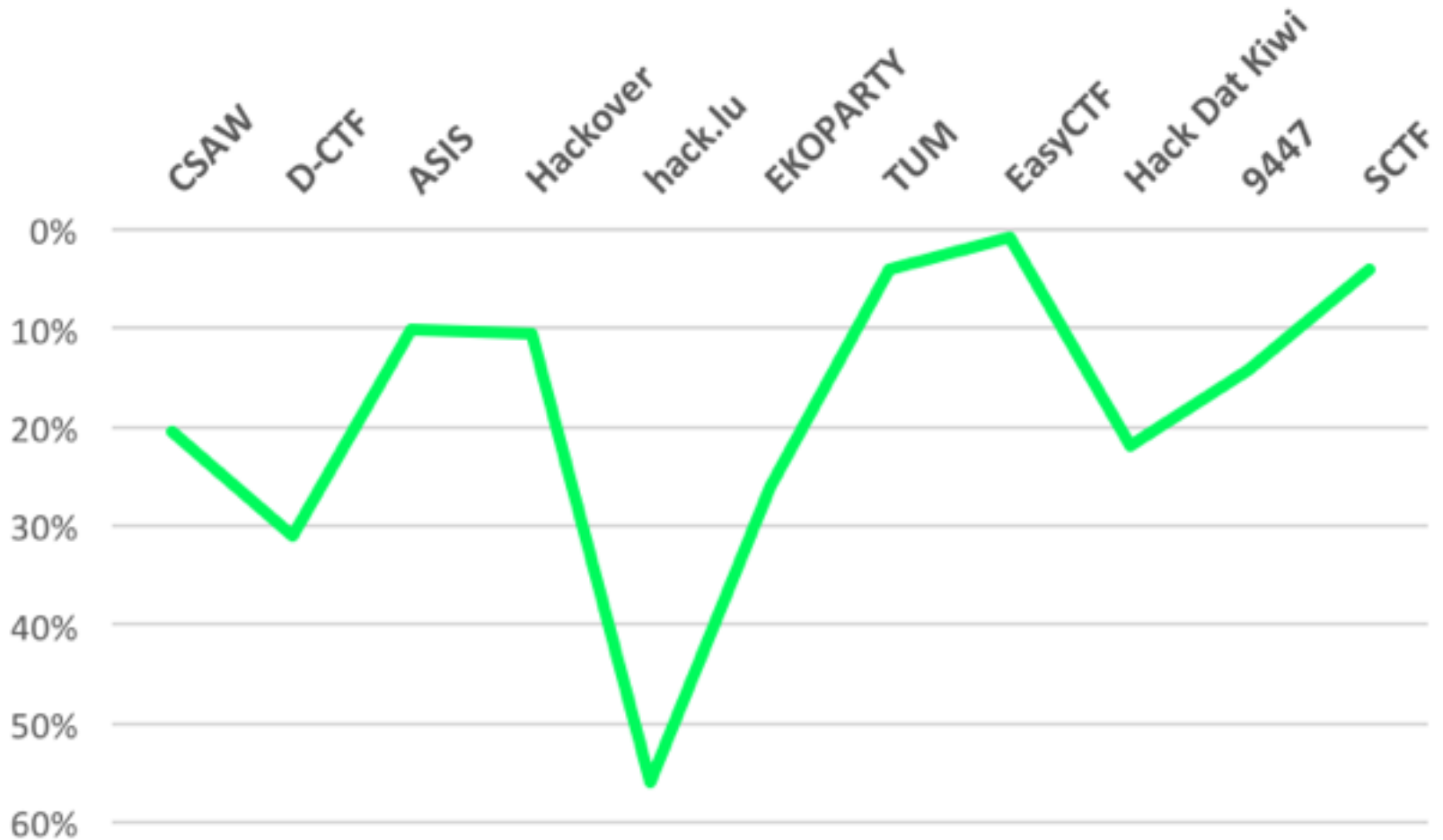
Planned for Fall 2017

[Schedule](#) · [Lecture Notes](#) · [Projects](#) · [Links](#) · [Home Page](#)



CYBER COMPETITIONS

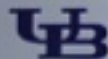
CCSF_HACKERS Fall 2015 Rankings



Welcome to RIT

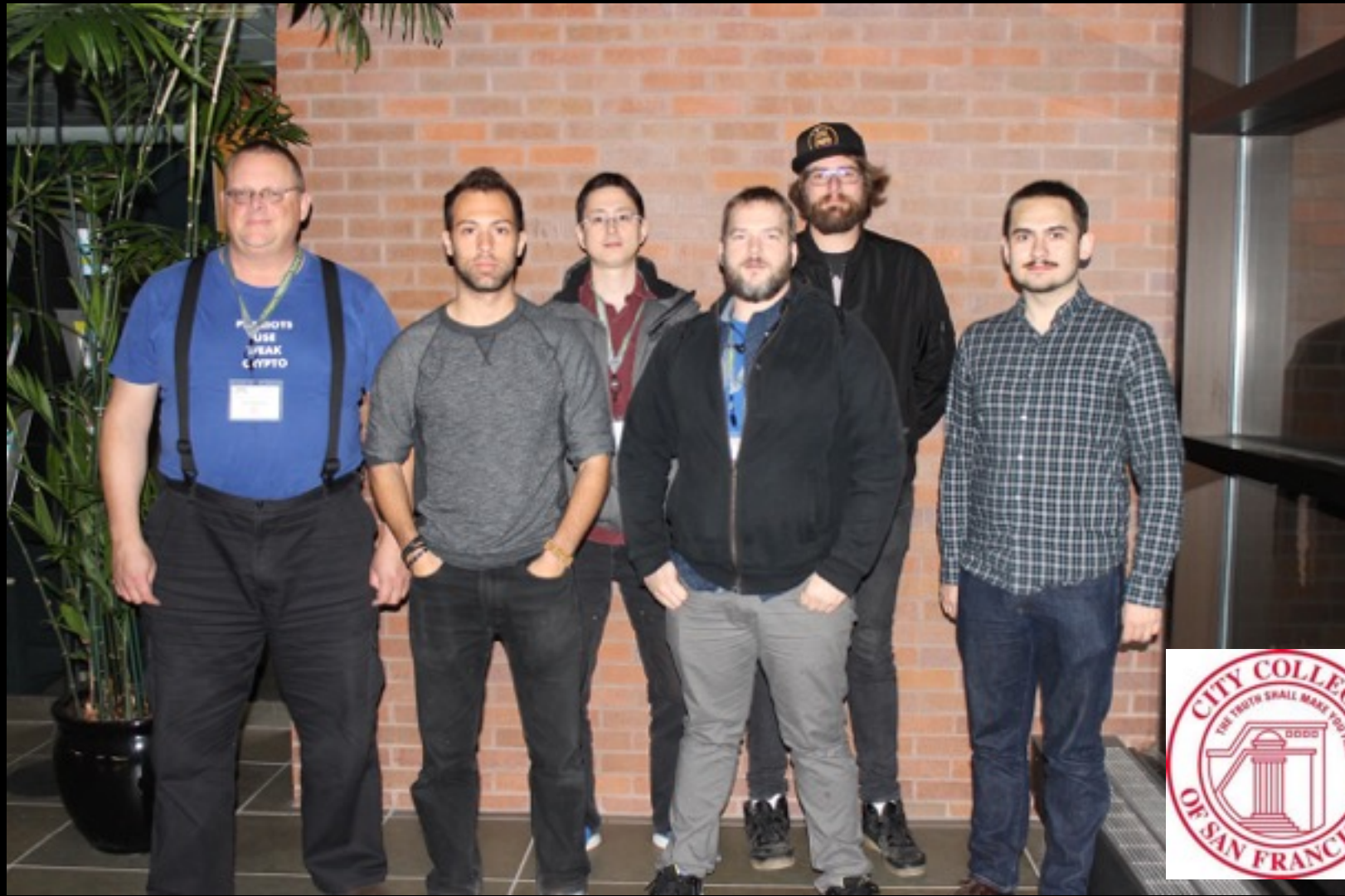


Collegiate Penetration Testing Competition



University at Buffalo
The State University of New York

















172.16.1.1
RIT V
172.16.1.1
ALUS
172.16.1.1
Google
172.16.1.1



- ◉ Collegiate Cyber Defense Competition
 - ◉ Most relevant to real-world jobs

CONVENTIONS AND MEET-UPS



- ⦿ First Tues. every month
- ⦿ Downtown San Francisco
- ⦿ Free Pizza
- ⦿ Industry expert presentations



- ◉ Sat Oct 11 & Sun Oct 12, 2014
- ◉ Foothill College
- ◉ Developers, not focused on security



RSA® Conference 2017

Moscone Center | San Francisco

February 13 - 17, 2017



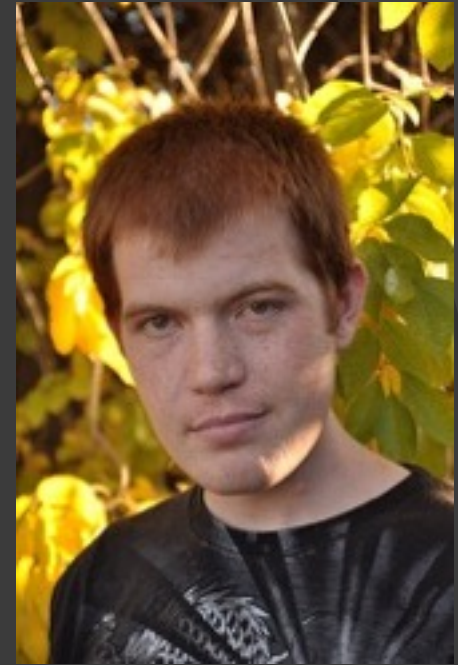
HOPE

WE'RE TAKING IT TO ELEVEN.

JULY 22-24, 2016

HOTEL PENNSYLVANIA NEW YORK CITY

Guest Speakers



Hacking Sam

Responsible Disclosure Policy for Samsclass.info

We take the security of our systems seriously, and we value the security community. The responsible disclosure of security vulnerabilities helps us ensure the security and privacy of our users.

Guidelines

We require that all researchers:

- Make every effort to avoid privacy violations, degradation of user experience, disruption to production systems, and destruction of data during security testing;
- Perform research only within the scope set out below;
- Use the identified communication channels to report vulnerability information to us; and
- Keep information about any vulnerabilities you've discovered confidential between yourself and Sam Bowne until we've had 15 days to resolve the issue.

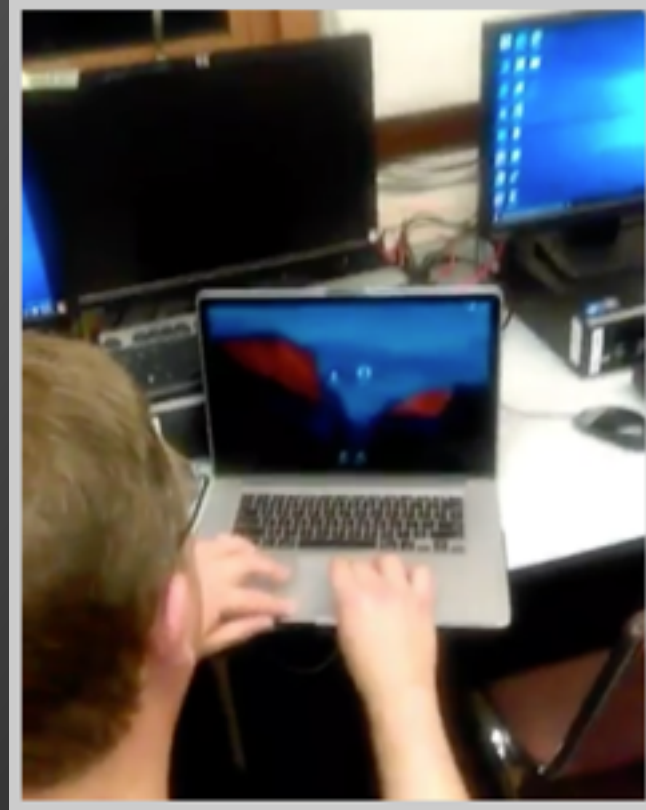
If you follow these guidelines when reporting an issue to us, we commit to:

- Not pursue or support any legal action related to your research;
- Work with you to understand and resolve the issue quickly (including an initial confirmation of your report within 72 hours of submission);
- Recognize your contribution on our [Security Researcher Hall of Fame](#), if you are the first to report the issue and we make a code or configuration change based on the issue.



server pwned by axi0mX :-P

tinyurl.com/samspw



Secure <https://samsclass.info/122/proj/independent/>

[Hacked by Anonsec - 3r3b0s](#)
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