Australian Centre for Cyber Security
Professional Education Short Course
The Australian Centre for Cyber Security (ACCS) is based in Canberra at the Australian Defence Force Academy (ADFA) and provides both advanced research as well as undergraduate and graduate education in cyber security. The ACCS brings together the largest concentration of research and tertiary education for the multi-disciplinary study of cyber security in any single university in the southern hemisphere. A number of ACCS scholars, in areas ranging from information technology and engineering to law and politics, have significant international reputations in their field. The ACCS serves as a national hub for policy related research and education across the full spectrum of cyber security (hardware, software, payload, networks, policy, human factors, organizational factors and the information ecosystem).

The ACCS offers a range of Professional Education Short Courses which can be customised to meet the cyber needs of your company, department or agency.

### Cyber Professional Education Short Courses on Offer

#### Introductory Courses
- Cyber Security Boot Camp
- Cyber Adversary Tradecraft
- Cyber Deception (Active Network Defence)
- Digital Forensics
- Exploit Development
- Pen Testing
- Python Scripting
- Intrusion Analysis and Response

#### Advanced Courses
- Advanced Exploit Development
- CISSP Training
- Computer Network Operations
- Critical Infrastructure Cyber Security (SCADA)
- Digital Forensics
- Network Security Operations
- Python for Cyber Security Practitioners
- Red vs Blue Exercise
- Reverse Engineering
- Code Review
- Wireless Security

#### Executive Courses
- Executive Security Awareness
- Information Warfare Strategies in Asia
- Australia, China and the Cyberisation of Strategy
Cyber Security Boot Camp

“Great introduction and basic recap of the cyber world over the past 30 years. Builds a solid foundation for future courses. There was always time to begin practical learning - and the Lecturer’s attitude and patience in this regard was exemplary.”

“Illuminating! Technically grounded delivery with real world demonstrations”

“Course was fantastic…not too complex in technical information…great for beginners”

“I have a non-technical background but the Instructor was able to demonstrate how technical solutions worked and interacted with other systems so I could understand the process and impact of exercises.”

Defence & Industry Employees

Introduction to Exploit Development

“Well structured, great analogies/explanations for the complex topics, examples given when needed, difficult content but great structure and pace. Lecturer was a brilliant public speaker.”

Australian Government Employee

Python Scripting for Cyber Security Practitioners

“Course content was very interesting and covered a large range of different topics. The exercises were sufficiently challenging without being over the top. Good balance of practical/theory. Lecturer was very knowledgeable and was always happy to help out. The course has contributed greatly to my python knowledge.”

IT Practitioner

Critical Infrastructure Cyber Security (SCADA)

“Made me aware of the actual limitation within these systems.”

“Course provided a good introduction to the operational and technical aspects of ICS and SCADA networks. The overview of how to hack HMs was particularly insightful.”

“The quality of the teaching was excellent and practical lessons were outstanding.”

Energy Industry Professionals

A Sample of Our Cyber Professionals

DR SILVIO CESARE is the ACCS Director of Education and Training, organiser of the annual hacker conference BSides Canberra and also runs the monthly CSides security meetings at the ANU. In a previous life, Silvio was a Senior Software Specialist at Azimuth Security working on offensive security. Silvio has worked in industry within Australia, France and the United States, is a 4 time Black Hat USA speaker and has published and presented at industry and academic conferences and journals.

EDWARD FARRELL is a penetration tester based in Sydney, Australia. Having started his career as a network engineer, Edward joined the cyber security profession in 2009 where he has made numerous contributions in industry research, local security groups and regional conferences. Ed heads a team of cyber security professionals at Mercury ISS who service clients in Australia and abroad.

ZORAN ILIEV is a Digital Forensic Examiner, educator and presenter at conferences around the globe. Zoran has worked across the public and private sectors and conducted examinations involving all aspects of cybercrime. He is highly specialised and is an Adjunct Lecturer at UNSW Canberra. Zoran’s certifications include: Certified Computer Examiner (CCE), Certified Computer Forensic Examiner (CFCE), Certified Computer Hacking Forensic Investigator (C|HFI) and Certified INTERPOL Computer Forensics TT Instructor.

CAMERON SANDS is a career automation professional having worked in industrial and commercial automation roles for more than 20 years. He has worked in a wide range of industries, including critical infrastructure. The majority of his time is spent on sites commissioning the projects that he is involved with. On top of being a certified professional electrical engineer, he has completed post graduate studies in cyber security and computer forensics and has trade qualifications in the electrical, data and security areas.

BEN WHITHAM is a cyber security entrepreneur, and part-time researcher, with more than 20 years of practical experience in cyber and communications security. His last 10 years have been primarily focussed on analysing log and network traffic, designing incident response architectures and building security tools. Ben is currently the Australian Chapter Lead for the Honeynet Project.

DR GREG AUSTIN is a Professor in the Australian Centre for Cyber Security at UNSW Canberra. He concurrently serves as a Professorial Fellow with the EastWest Institute (EWI) in New York. His most recent book, Cyber Policy in China (Wiley 2014), offers the first comprehensive analysis (military, economic and political) of China’s leadership responses to the information society.
For further information on Cyber Courses

https://www.unsw.adfa.edu.au/study/professional-education-courses/programs
E: accs@adfa.edu.au
T: +61 2 6868 8350
A: UNSW Canberra, PO Box 7916, Canberra BC ACT 2610

Cricos Provider Code 00098G  •  170822_170822