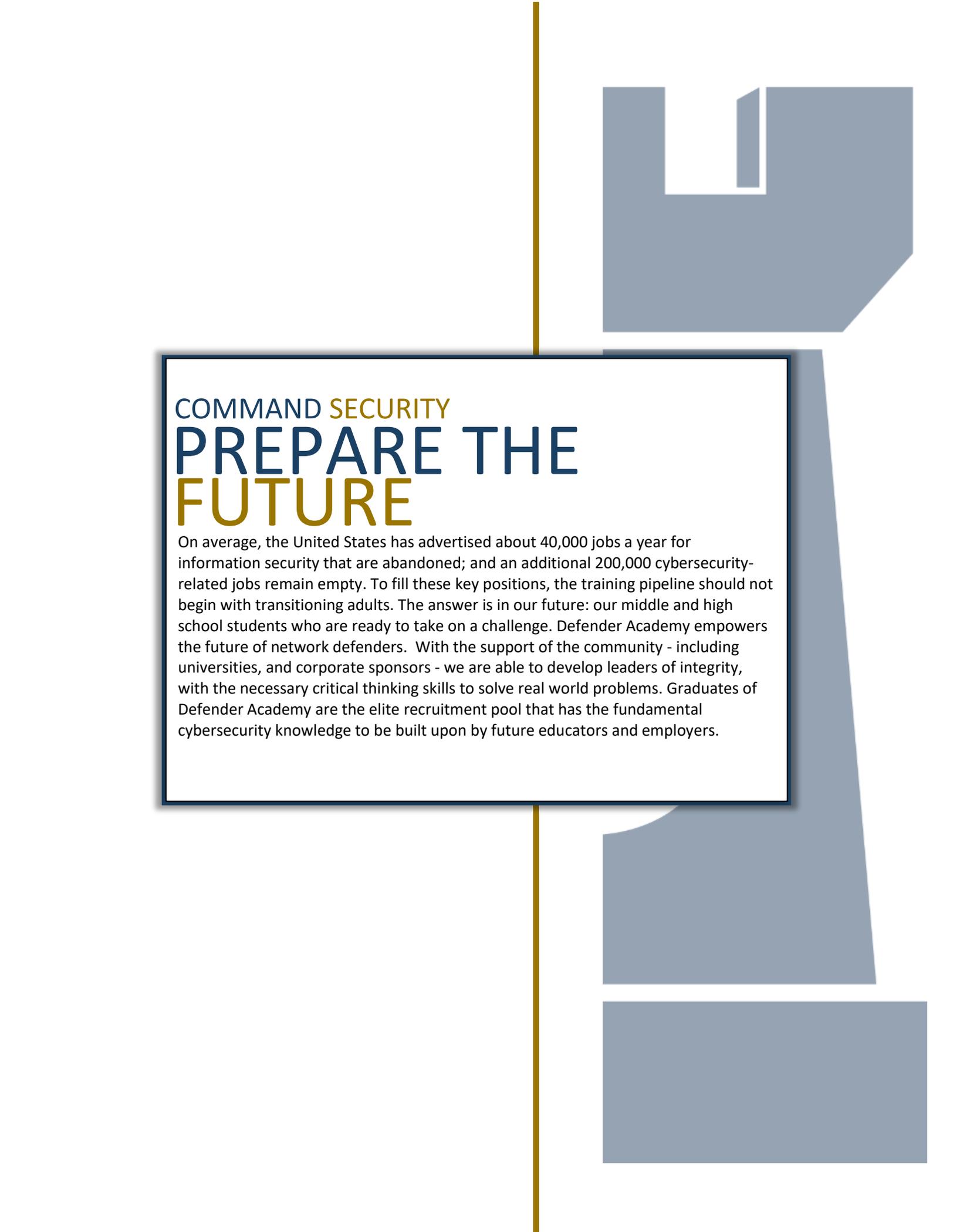


Tween & Teen
2018-2019

NETWORK DEFENDERS

The future of *cybersecurity*





COMMAND SECURITY PREPARE THE FUTURE

On average, the United States has advertised about 40,000 jobs a year for information security that are abandoned; and an additional 200,000 cybersecurity-related jobs remain empty. To fill these key positions, the training pipeline should not begin with transitioning adults. The answer is in our future: our middle and high school students who are ready to take on a challenge. Defender Academy empowers the future of network defenders. With the support of the community - including universities, and corporate sponsors - we are able to develop leaders of integrity, with the necessary critical thinking skills to solve real world problems. Graduates of Defender Academy are the elite recruitment pool that has the fundamental cybersecurity knowledge to be built upon by future educators and employers.

Registration Information

Registration is conducted on a first come, first served basis. Please register early, as many Class A courses fill up. A registration fee is charged at the time of enrollment. Some classes qualify for a 10% tuition discount, which is available to students taking multiple classes in a session or siblings, or dependents of civil services. Classes with built-in discounts, as well as workshops and capture the flags, do not qualify for discounts. To register, please contact the information/administrative staff directly at info@networkdefenderacademy.com.

Payment Plan

For Class A courses, Defender Academy offers a payment plan. A current credit card must be provided and stored on-file in order to participate. It is a two-Payment Plan: first payment due at time of registration, second payment due by the fourth week of class (5% service fee added to tuition).

Refunds & Mid-Session Withdrawal

There are no refunds. Please select classes carefully! If a student becomes ill, injured, or is otherwise unable to remain in the program, an online withdrawal form must be completed. The remaining tuition amount will be credited to your Defender Academy account for future use.

Parent Observations and Prospective students

In-class parent and prospective student observations are only available on designated days, which are scheduled in advance by Defender Academy staff and faculty. Observations are announced via e-mail notification in the weeks prior to the set date for each class, and usually take place toward the end of the sessions.

Dress Code

Due to working in a professional building, Defender Academy students will be required to adhere to the following dress code: No form-fitting clothing and no baggy clothing. Defender Academy issued t-shirt are required to be worn each convening class for the identification of students and their safety.

Policy of Inclusion

Defender Academy staff and faculty instill a culture of inclusion and kindness in the classroom from the very start of the course. Defender Academy has a zero-tolerance policy pertaining to bullying or exclusion of any kind.

Student Conduct

Students are expected to attend all classes and are strongly encouraged to participate in Capture the Flag. Students must arrive promptly for class, wearing proper attire, and be prepared, respectful, and eager to learn. Any form of inappropriate behavior will jeopardize participation in the Tween & Teen Program.

COURSE DESCRIPTIONS

Defender Academy Week 1: Cyber Hygiene.

Defender Academy Cyber Hygiene course introduces the why's and purpose of Cybersecurity. In this course students are introduced to Health Insurance Portability and Accountability Act (HIPAA) personally identifiable information (PII), sensitive personal information (SPI), Cybersecurity industry professionals and universities that are looking to support the mission in closing the gap in cybersecurity professionals.

For pricing and registration please visit:
www.networkdefenderacademy.com

Defender Academy Week 2: Network Basics

Defender Academy Networking Basics course provides an elaborate explanation of the Open Systems Interconnection model (OSI model), provides discussion, demonstrations, and exercises that introduces students to computer-hardware, software, and advancement of the personal computer. This course also introduces the framework, functions, components and mapping of the internet while discussing the principles and structure of Internet Protocol addressing. Using CISCO packet tracer, students will be introduced to the Cisco command line interface so that they can navigate through configuration modes, implement routing protocols and configure vlan connections.

Defender Academy Week 3: Virtualization

Defender Academy Virtualization course provides an elaborate explanation of the Open Systems Interconnection model (OSI model), provides discussion, demonstrations, and exercises that introduces students to virtualization through building their own labs. This includes downloading, installing, configuring and capturing the virtual environment. Using Amazon Web Services as our cloud services platform, students will be able to get hands on participation of the AWS platform. At the conclusion of this course, students will be able to understand the concept of cloud networking and why it is applicable to cybersecurity.

Defender Academy Week 4: Windows

Defender Academy Windows course provides an elaborate explanation of Windows 7, Windows 10 and Windows Sever 2012. Providing an introduction the Enterprise Desktop Support Technician environment, this course covers trouble shooting startup issues, recovering BitLocker-Encrypted drives and troubleshooting remotely using Windows Powershell. From a sever perspective, students will be able to build and create Group Policy Objects and trouble shoot user settings in each platform. This class also covers Introductions to Kerberos, Domain Name Servers and provides emphasis on company compliance.
Prereq: Virtualization.

Defender Academy Week 5: Linux

Defender Academy Linux course provides an elaborate explanation of the Linux operating system, while introducing penetration testing. This is a fast paced, lab intensive course that requires prior knowledge of networking fundamentals. In this class students are introduced to tools that cybersecurity professional use for network and malware analysis while practicing and being exposed to a real time environment.
Prereq: Virtualization.

SCHOLARSHIP INFORMATION

Scholarships are awarded to students based on financial need, motivation, and potential. Scholarships are available to students (ages 11+) who seek to enroll Class A. Scholarship students are held to a high expectation of commitment, attendance, and behavior. Inconsistent attendance or inappropriate behavior will jeopardize a student's scholarship status. Scholarship information and applications are available on our website by contacting info@networkdefenderacademy.com. Scholarship applications are ongoing. If you would like to donate or sponsor a student, please contact us at info@networkdefenderacademy.com

We couldn't
do this without
you.



ITPG[®]
SECURE COMPLIANCE

★ ★ ★
WOMEN WHO

EC-COUNCIL **CODE**



LAST MILE
BROADBAND LLC[™]
We Go the Distance to Bring You the Internet[™]



BALDINO'S
Lock & Key

DEFENDER | A C A D E M Y

ITPG Secure Compliance

1964 Gallows Rd Suite 310, Vienna, VA 22182

Info@networkdefenderacademy.com | www.networkdefenderacademy.com