

SYMS STRATEGIC GROUP, LLC (SSG)

Junior Cybersecurity Engineer

QUALIFICATIONS

- Bachelor's Degree or higher in computer science, electronics engineering, or other engineering
- Two years of cybersecurity and cloud security experience
- US Citizen
- Possess or be eligible for a Public Trust Clearance (Tier 4)
- One or more of the following: IAT I, IAM I or IASAE I certifications (A+, Network+, etc)



CYSE 519. CYBER PHYSICAL SYSTEM SECURITY

Transferable Skills:

- The basic concepts, technologies and applications of CPS.
- Understanding of CPS security challenges and national security impact.
- Gain hands-on experience in CPS infrastructures, critical vulnerabilities, and practical countermeasures

Justification:

- This course allows you to gain knowledge on physical system security and all the possible scenarios and impact that you'll have to deal with..

CYSE 416/516. CYBER DEFENSE FUNDAMENTALS

Transferable Skills:

- Learn the cybersecurity theory, information protection, and assurance, and computer systems and networks security.
- Learn the tools for building, analyzing, and attacking modern security systems
- Gain hands-on experience in cryptographic algorithms, security fundamental principles, and Internet security protocol and standards.

Justification:

- The course teaches you and gives you experience on how to take care of modern systems along with the tools needed to do security protocols.



CYSE 280. WINDOWS SYSTEM MANAGEMENT AND SECURITY

Transferable Skills:

- Teaches you the tools and techniques used to configure, manage and implement Windows and its security-related features. You learn how to install, configure, manage and secure Windows client & server .
- Learn how to mitigate malware threats, identify security issues by using auditing and the Advanced Threat Analysis feature in Windows Server, secure virtualization platform, and use new deployment options for enhancing the security

Justification:

- Primary operating system used by the company is windows, so this course will provide all you need to learn about Windows security and management.



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