

NOVA SOUTHEASTERN UNIVERSITY'S  
COLLEGE OF ENGINEERING AND COMPUTING (CEC)  
CELEBRATES OCTOBER'S NATIONAL CYBERSECURITY AWARENESS MONTH WITH  
**CYBERSECURITY DAY AT NSU**  
OCTOBER 15, 2015

"More and more, Americans are adopting new and innovative technologies and spending more of their time online. Our thirst for computers, smartphones, gadgets and Wi-Fi seems to have no limits. At home, at work and at school, our growing dependence on technology, coupled with increasing cyber threats and risks to our privacy, demands greater security in our online world. Cybersecurity is a shared responsibility. We each have to do our part to keep the Internet safe. When we all take simple steps to be safer online, it makes using the Internet a more secure experience for everyone." (Department of Homeland Security, 2015)

"Some of the greatest assets one can have are strong cybersecurity skills. Without them, anyone can fall prey to fraud, identity theft, social engineering, and cyber crime. One example is with the use of 'free' Wi-Fi. Though almost all young adults use smart-phones, most are unaware of the dangers associated with connecting to free Wi-Fi and/or access to unsecured Websites. Once clicking 'yes' to the terms and conditions on an unsecured network at the airport, coffee shop, mall or elsewhere, it becomes possible for cyber criminals to download everything from that smart-phone" (Dr. Levy, 2015)

In Collaboration With:



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**9**  
**Skills**  
**U must know!**

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**Threat #1:** Revealing confidential digital information to unauthorized individuals

**Skill #1:** Preventing the leaking of confidential digital information to unauthorized individuals

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**Threat #2:** Malware due to browsing non-reputable/non-secured Websites

**Skill #2:** Preventing malware via non-secure Websites

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**Threat #3:** Personal Identifiable Information (PII) theft due to use of free non-reputable/non-secured WiFi network

**Skill #3:** PII theft via access to non-secure networks

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**Threat #4:** PII theft due to email phishing

**Skill #4:** Preventing PII theft via email phishing

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**Threat #5:** Malware via e-mail attachment

**Skill #5:** Preventing malware via e-mail attachment

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**Threat #6:** Malware due to purchasing from non-reputable/non-secured Websites

**Skill #6:** Preventing credit card information theft by purchasing on non-secured Websites

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**Threat #7:** Use of unknown USB or storage drive/device

**Skill #7:** Preventing information system compromise via USB or storage drive/device exploitations

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**Threat #8:** Writing down personal passwords in visible places

**Skill #8:** Preventing unauthorized information system access via password exploitations

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**Threat #9:** PII theft ('Friending') unknown individual/account on social media

**Skill #9:** Preventing PII theft via social networks

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Video ...



**Hacking a mobile phone**

Hacking into mobile phones is a walk in the park, say experts. All it takes is a single SMS sent from the hacker's phone, to break into a phone and gain tota...

[Watch now..](#)

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**Session 2  
Questions?**

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