**Web-based course on**

# Mobile Device Security and Privacy (MSP)

*The threat landscape increases drastically as users increasingly rely on mobile devices to process personal private or mission critical corporate information. This course will provide trainees a thorough understanding of security and privacy issues present in exiting mobile devices, preventing them from becoming attack victims, and training them to be security professionals in this emerging domain.*

MSP is a 7-8 hours online course covering security and privacy topics in both personal and enterprise mobile devices. In this course, trainees will be learning general knowledge on mobile networks, as well as security and privacy issues faced by mobile devices. These include mobile network attacks, mobile malware, mobile privacy leakages, and mobile data exfiltration. Trainees will be also learning defense and mitigation techniques, including security protocol designs in mobile networks, mobile app vetting, as well as enterprise mobility management.

**Mobile Device Security and Privacy**
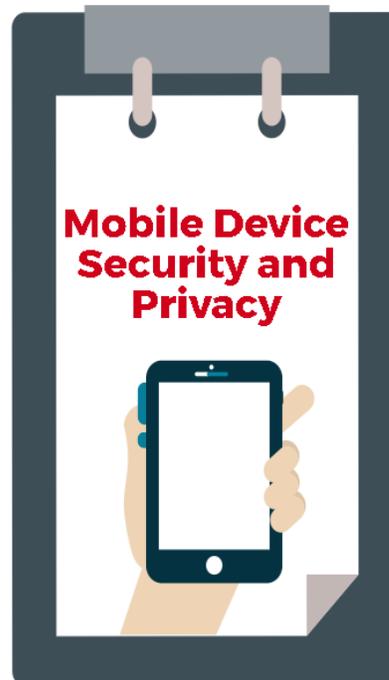
- Fundamental security issues of mobile devices
- Secure protocol designs in mobile networks
- Mobile malware and threat management
- Mobile apps privacy issues, permissions, and security vetting
- Mobile data exfiltration and countermeasures
- BYOD and Enterprise Mobility Management

PILOT TESTING (free of cost, FEMA-funded project) of this web-based course will start from August 1, 2017 and available at: https://act-online.net

For details, visit center website: http://cfia.memphis.edu or contact: cfia@memphis.edu