MODULE: MOBILE SECURITY INTELLIGENCE

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NSF Workshop on Computing in Context

Overview

- Mobile devices security challenges
  - Personal Data
  - Texts
  - Calls
  - Email
  - Credit Cards
  - Social Media
  - Human Errors
- Impact
  - $6 Billion Annually

Sample Module (1)

- Healthcare Security Standards
  - Rule Sets: HIPAA, HITECH, BAA
  - Physical Security Safeguards
  - Technical Security Safeguards
  - Organizational Security Safeguards

Sample Module (2)

- Healthcare Mobile Security
  - Wireless Access
  - Mobile Device Access
  - Network/Systems Access
  - Data Access

Sample Module (3)

- Healthcare Security Analysis
    - Risk Analysis
    - Event Analysis
    - Use Monitoring Analysis
    - Intelligence Analysis

Learning

- Learning activities
  - Reading and individual assignments
  - Current articles
  - Rule sets
  - Vendor materials
- Evaluation of learning activities
  - Participation in-class
  - Individual assignments

Module Dissemination

- Fall 2014 – Spring 2015
  - Inclusion in new course development
  - Management Information Systems
    - Sophomore/Junior Level
  - Health Informatics
    - Junior/Senior Level
  - Security Intelligence and Analytics
    - Junior/Senior Level