

# Computing in Context: Intelligence and Security Informatics

## Module: Security Intelligence for Healthcare Mobility

Joseph M. Woodside  
Stetson University  
August 6<sup>th</sup>, 2013

### 1. Module name

- Module: Security Intelligence for Healthcare Mobility

### 2. Scope

- The module scope covers mobile security applications within a healthcare industry framework.

### 3. Learning objectives

- Designing security safeguards for healthcare
- Understanding security access points for mobility
- Analyzing security events and establishing risk

### 4. Computing concepts and skills involved

- Social context
- Problem solving
- Knowledge representation and information retrieval
- Communications and networking

### 5. Level of effort required (in-class and out-of-class time required for students)

- In-class: Three regular classes, 75 minutes each
- Out-of-class: Individual learning assignments

### 6. Relationships with other modules (flow between modules)

- Add-on modules can include other industry or security applications.

### 7. Prerequisite knowledge/skills required (what the students need to know prior to beginning the module; completion optional; complete only if prerequisite knowledge/skills are *not* included in other modules)

- Introduction to computing

### 8. Introductory remedial instruction (the body of knowledge to be taught for the prerequisite knowledge/skills required; completion optional)

- Computing and technology basics

### 9. Body of knowledge (theory + practice; an outline that could be used as the basis for class lectures)

- HIPAA
- HITECH
- BAA

10. Resources (required readings for students; additional suggested readings for instructor and students)

- Current articles
- Rule sets
- Vendor materials

11. Exercises / Learning activities

- Reading and individual assignments

12. Evaluation of learning objective achievement (graded exercises or assignments)

- Participation in-class
- Individual assignments

13. Glossary

14. Additional useful links

15. Contributors (authors of module, reviewers of module)

- Joseph M. Woodside