



## SYRACUSE UNIVERSITY

### **IST 323**

### **Introduction to Information Security**

**2017-2018**

***(3 credits)***

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Basic concepts and technologies of information security. Students who successfully complete this course will have a comprehensive overview of information security with some hands-on experience.

### **Learning Objectives**

After taking this course, students will understand the comprehensive aspect of information security and be able to

- Explain
  - o The fundamental elements of security properties, challenges, countermeasures, and real-life examples.
  - o In-depth security knowledge and skills in the security topics that they selected.
- Demonstrate
  - o The hands-on ability to analyze security properties and conducting/defending cyber attacks, using various security services and tools.
  - o The ability in research, presentation and Q&A discussion about information security.
- Develop specialty
  - o On a specific area of information security in their further study and career preparation, extending the contents learned from this course.

*(Over)*

## Required Text/Supplies

- Textbook
  - Corporate Computer Security (4<sup>th</sup> edition)
    - Authors: Randall Boyle and Raymond Panko
    - ISBN-13: 978-0133545197
    - ISBN-10: 0133545199
  - In addition to the lecture slides and the textbook, additional class materials may be posted within the course LMS
- Access to Customized Online Labs
  - Please contact  
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