



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 (4th 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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