WELCOME TO

INTRODUCTION TO COMPUTER SECURITY

ABOUT THIS COURSE

- Course name: Introduction To Computer Security
- Course code: **503049**
- Course credits: 3 (3.0)
- Lecture hours: 45
- Self learning hours: 90
- Prerequisites: 502042

CONTENTS

- Chapter 0 Welcome
- Chapter 1 Introduction to Computer Security
- Chapter 2 Managing Security and Risk Assessment
- Chapter 3 Identification and Authortication
- Chapter 4 Access Control
- Chapter 5 Physical and Infrastructure Security
- Chapter 6 Human Resources Security
- Chapter 7 Operating System Security
- Chapter 8 Database and Cloud Security
- Chapter 9 Software Security
- Chapter 10 Cryptography
- Chapter 11 Network Security
- Chapter 12 Web Security

TEXT BOOKS

References:

- **[1] William Stallings, Lawrie Brown, [2015], Computer Security Principles and Practices, Third Edition, Pearson.**

- [2] Dieter Gollman, [2011], Computer Security, Wiley, Chichester.

- [3] Chuck Easttom, [2016], Computer Security Fundamentals, Third Edition, Pearson Education.

- [4] Charles Pfleeger, [2015], Security in Computing, Prentice Hall International, New Jersey.

- [5] Niels Ferguson, [2010], Cryptography Engineering: Design Principles and Practical Applications, John Wiley & Sons.

ASSESSMENT

- Diligence and small exercises: 10%
- Midterm: 20% (30 questions)
- Final Exam 50% (Projects)
- Assignment: 20% (Reading-Writing-Presentation in class)

COURSE MATERIALS

sakai.it.tdt.edu.vn

Contact me

- Truong Dinh Tu, PhD
- Working Office: Room C120
- Email: truongdinhtu@tdt.edu.vn

Q & A