INCS 741 - Cryptography

Course Information and Syllabus

Course Logistics

- Who am I?
- Class Schedule
- Reference books
- Evaluation criteria
- What to expect?
- Attendance
- Academic integrity
- Acknowledgments

Who am I?

- **Instructor:** Ashkan Jangodaz
  - SoCAS Faculty @ BCIT
  - Adjunct Faculty @ NYIT
  - ML Engineer @ Kids' Shield Inc.

(May Have Shorter Hair, Wilder Beards!)

- Ph.D. student in CS @ Simon Fraser University
  - M.Sc. in CS (2021) @ New York Tech
  - B.Sc. in CE (2019) @ Sharif University of Tech
- Please call me "Ash" or "Ashkan"!
  - I hope to become a "professor" someday, I am not yet!
- **Email:** ajangoda@nyit.edu

Class Schedule

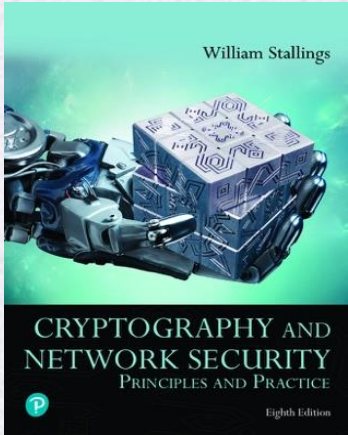
- **You are here!** Rm. 1836 – 2985 Virtual Way
- **Course Duration:** 8 weeks from (May 20 to July 14)
  - **Lectures:** Tue. and Thu. 13:00 to 16:00
- **Midterm Exam:** June 12, 2025
- **Final Exam:** Jul 8, 2025

Textbooks

[1] William Stallings: Cryptography and Network Security. Eight Edition 2020. ISBN-13: 978-0-13-576397-1

[2] Johnathan Katz, Yehuda Lindell: Introduction to Modern Cryptography: Principles and Protocols. Second Edition, November 214. (Chapman & Hall/CRC Cryptography and Network Security Series). ISBN -13: 9781466570269

[3] Paul C. van Oorschot and Scott A. Vanstone: Handbook of Applied Cryptography (Discrete Mathematics and Its Applications) CRC Press. ISBN-13: 978-0-84-938523-0



Evaluation Criteria

Criteria	%
Class Participation/Discussion	5%
Assignments	15%
Research Writing	10%
Midterm Exam	35%
Final Exam	35%

What to Expect?

- Read The Course Syllabus Carefully.
- All lectures are in-person.
- **No recording** is allowed by students unless they request special accommodation requested by NYIT and permitted by the instructor.
- **Office Hours:** available with prior appointment upon request.
- Exams are closed-book, in-person, and on paper.

Attendance Requirements

- Regular attendance in lectures is **mandatory.**
- **Unapproved absence of 2 or more classes** may result in failure or forced withdrawal from the course or program.

Academic Integrity

- **Cheating** refers to the act of breaking rules or agreements in order to gain an **unfair advantage.**
- Violation of academic integrity, including plagiarism, dishonesty in assignments, examinations, or other academic performances are prohibited and will be handled in accordance with the policies:
  - https://www.nyit.edu/policies/academic_integrity_policy_us_campuses
  - https://www.nyit.edu/policies/collection/student_handbook_vancouver#appendix_b_academic_integrity_policy
- Please also **do not** share the course materials with people outside of your class.

Now let’s begin…