Course Introduction

ITC8050 – Strategic and Operational Aspects of Cyber Security

Instructors

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Admin info

- Code: ITC8050
- Location: ICT-315
- Time: Tuesdays 1745-2100; weeks 1-8
- Exams: December/January
- Info: http://courses.cs.ttu.ee/pages/ITC8050
  - Updates, schedules, presentation slides, etc.
  - Check it weekly

Topics

- Reviewing basics
- Actors in cyber conflict
- CIIP, security planning and management
- incident handling
- serious games

- (how does everything fit together?)

Principles

- Learning to think and use your knowledge
- Cooperate and communicate
- Real world examples, if possible
- Open discussion
- Demonstration of expertise in your area of interest
  - Written homework
  - Oral exam

Grading

- Written homework – 40%
  - research paper or essay on agreed topic
  - 2000-4000 words
  - due 01 December
- Tabletop exercise participation – 10%
- Oral exam – 50%
  - 2 questions, including at least one on the written homework topic

Tabletop

- Red-Blue exercise
- Red teams prepare attack scenarios against Blue teams
- Blue teams prepare cyber security plans
- Red attack scenarios are played in order to test Blue plans and incident handling capability
- Key points: communication and cooperation

Grading papers

- Proper referencing? (IEEE referencing style)
- Meets length criteria?
- Submitted on time?
- Identifies and answers the topic?
- Can I determine the author's contribution?
  - Is it significant enough?
- Well organized and clearly written?
- (Optional) Tables/graphs used properly?
- Readable English?

Referencing

- Reference sources in text
  - A list in the end is not enough
- When you copy a sentence or a paragraph, format it as a quote
- When you use your own earlier work, reference it
- Consider the appropriateness of your sources
- Plagiarism will lead to failing the course

Referencing example

This is a paraphrased fact that I read somewhere and I should reference it [1]. "I should also quote this sentence I copied from a source" [2]. I have some thoughts of my own as well. I don't have to reference my own thoughts.

References

[1] A. Writer, Best ideas ever! New York: Mafia Print, 2014.

[2] A.N. Author, My Book. Tallinn: TUT Press, 1999.

Questions?