Network Security (NetSec)

IN2101 – WS 17/18

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Chair of Network Architectures and Services
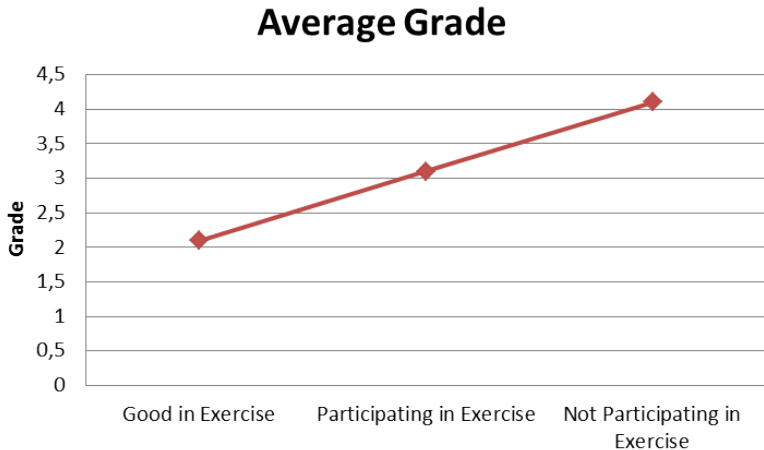Department of Informatics
Technical University of Munich

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Course Organization
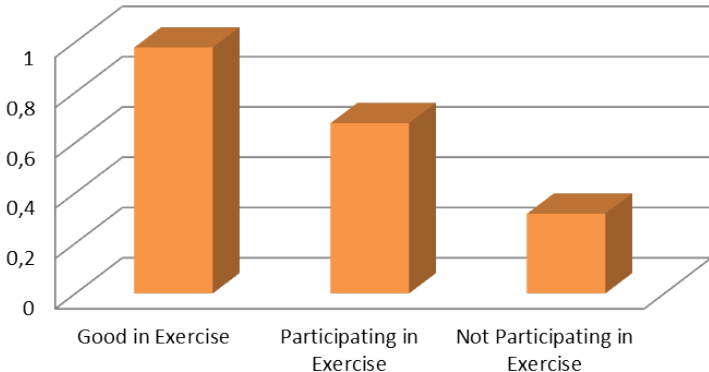
Course organization

- Lecture
  - Tuesday, 14:15-15:45, Interim HS 2
  - Thursday, 10:15-11:45, MI HS 1

- Exam
  - Written exam et the end of the semester
  - No bonus system, but . . .

Participating in Exercises vs. Average Grade

Average Grade

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Participating in Exercises vs. Passing Exam

Passing the Exam

Course Material

- Website: https://net.in.tum.de/teaching/ws1718/netsec.html
  - Lecture Slides
  - Exercise and Hacking Task
- Moodle: https://www.moodle.tum.de/course/view.php?id=38218
  - Additional material

Exercises

- Upon announcement in the lecture

- Two-Phase process
    1. Download the exercise sheet
    2. Prepare the exercise sheet before the course

- Teaching Goals
    - Learn to take responsibility for yourself
    - Think about the topics, do not repeat content of theses slides without deeper understanding
    - Learn to formulate and present technical problems
    - Understand basics and theory, be prepared for application,
      be aware of risks and counter-measures

Exercises – Two-Phase process

1. Download the exercise sheet
   - The pdf is on our servers
   - We wrote custom servers with custom security to protect the pdf
   - "Hack" the service, obtain the pdf
   - do not DOS the servers

2. Prepare the exercise sheet before the course
   - Exam preparation

- We hope you are comfortable with python

About You

- Who is studying?
  - Bachelor CS?
  - Bachelor Wirtschaftsinformatik?
  - Master CS?
  - Maser Wirtschaftsinformatik?
  - English track master?
  - Electrical Engineering?
  - New at TUM?

- Background?
  - Grundlagen Rechnernetze und Verteilte Systeme?
  - IT Security?
  - Cryptography?

- Python?
  - python2?
  - python3?