Network Protocols and Architectures

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General information (1)

- Area: BKS – Hauptstudium Vertiefer
- Master/Bachelor Module: INET BASIS (BA/MA: with tutorial only)

- Time and room
  - Wednesday: 10:00 – 12:00 German MA042
  - Wednesday: 12:00 – 14:00 English MA841

- Web site
  - [http://www.net.t-labs.tu-berlin.de/teaching/ws0809/NPA_lecture/](http://www.net.t-labs.tu-berlin.de/teaching/ws0809/NPA_lecture/)

- Mailing list
  - see Web page
General information (2)

- Prerequisite:
  - Grundstudium or similar

- Tutorials
  - Recitation sessions + homework assignments
General information (3)

Options
- 2 SWS (or 3 LP) for Lecture only
- 4 SWS or 6 LP for Lecture + Tutorial
  - 50 % of exercise points => passed tutorial

Bonus on exam grade:
- 60 % of exercise points => 0.3 bonus for exam grade
- 75 % of exercise points => 0.7 bonus for exam grade

Registration for tutorials
- http://www.net.t-labs.tu-berlin.de/teaching/ws0809/NPA_lecture/anmeldung/
General information (4)

- **Tutors**
  - Fabian Schneider
  - Oliver Hohlfeld
  - Thomas Hühn

- **Exam**
  - For those that need it 😊
  - Oral or written exam after semester end (depends on # of participants)
What is this course?

- Introduction on how the Internet works
- Focus:
  - Internet architecture
  - Network application protocols
  - TCP
- Other topics include
  - Routing, P2P
  - Quality of service (QoS)
  - Multicast
Reading

- Kurose and Ross: 
  Computer Networking: A Top-Down Approach 
  Featuring the Internet. 
  Fourth edition, Addison-Wesley, 2007 
  Preliminary edition online: student (quarter24)

- Peterson, Davie: 
  Computer Networks. A systems approach 
  Fourth edition, Morgan Kaufmann 2007

- ... see Web