

Computer Networks

Chapter 0 Presentation

The Teachers

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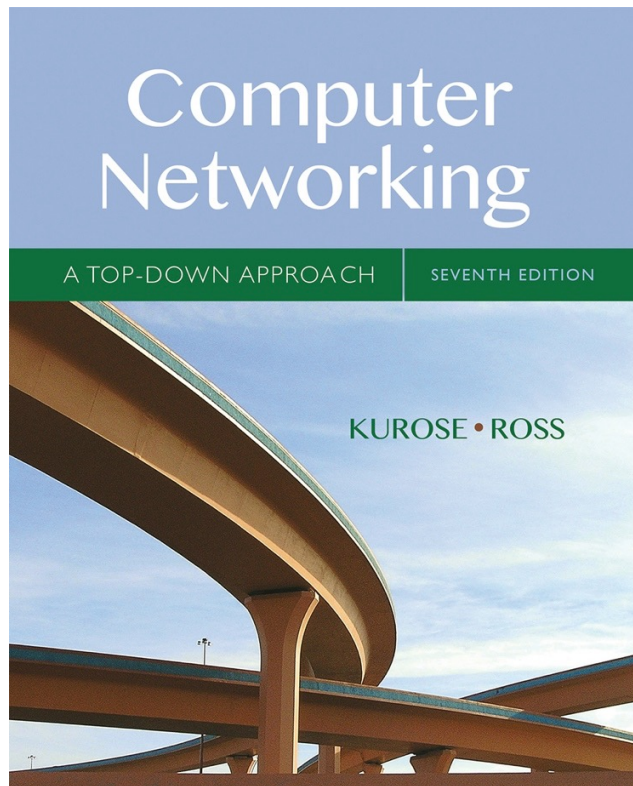
Very Important:

You must use your institutional e-mail to contact the teacher (@alunos.isel.pt)

Course Outline

- Chapter 1 – Introduction
 - Chapter 2 – Application Layer
 - Chapter 3 – Transport Layer
 - Chapter 4 – Network Layer
 - Chapter 5 – Link Layer
 - Chapter 6 – Physical Layer
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- 1st Test
- 2nd Test

The Book



*Computer Networking: A
Top Down Approach*

7th edition

Jim Kurose, Keith Ross

Pearson/Addison Wesley

April 2016

The Rules

- Grade = 0.5 Theory + 0.5 Practice
- Theory (50%)
 - Minimum grade = 9.50
 - Average of 2 tests (each test with grade equal or above 8.00)
 - Or, 1 Exam
 - You can repeat one of the tests on the 1st Exam
- Practice (50%)
 - Minimum grade = 9.50
 - 1 lab work, composed of 4 phases: for each phase, 1 deliverable/report should be done
 - Discussion if required by your teacher
- Labs
 - Guided
 - No grade required
 - But, questions may appear on tests/exams or discussion!
- See also the general rules “Normas de Avaliação de Conhecimentos” published on the ISEL site

Rules for Tests and Exams

- True or false questions, and
- Fill in questions
- Cheat (Aid) Sheets
 - Handwritten, not photocopied with whatever you want
 - Tests
 - You can bring 1x A4 sheet (2 pages)
 - Exams
 - You can bring 2x A4 sheet (4 pages)
- On the first exam date you can repeat one of the tests
 - The Cheat Sheets rule apply as for tests

Rules for Tests and Exams

1st Test – 8/11/2016

Computer Networks – ADEETC/ISEL/IPL

Winter 2016/2017

Name: _____ Number: _____

On True/False questions cross the right answer.

Teacher: J. Florêncio ☐ J. Silva ☐ N. Cruz ☐

Duration: 1 Hour

Example: ☒ ☐

1) Consider the different technologies used on residential Internet access networks:

- ☐ ☐ The DSL technology used the traditional analogue telephone line
- ☐ ☐ Cable modems share the data channels between multiple subscribers
- ☐ ☐ Gigabit Passive Optical Network (GPON) uses FDM on the upstream channel
- ☐ ☐ The bandwidth usage on packet switching is more efficient than on circuit switching

- Each true or false question can have n options
- Each correct answer adds $\frac{100}{n}$ % of what the question is worth (e.g. 25% for 4 option questions)
- Each incorrect answer subtracts the same value $\left(\frac{100}{n} \%\right)$ of a correct answer
- Minimum 0 on each question
- All questions are worth the same, except if otherwise mentioned
- Exams are in Portuguese for normal students, in English for Erasmus
- On the first exam, if you're doing the exam, you should only answer questions **marked with [E]**

Online Presence

- This course will use Moodle at:
 - DEETC >
 - Unidades Curriculares Comuns >
 - Redes de Computadores >
 - Redes de Computadores (Verão) - 2223SV

<https://2223moodle.isel.pt/course/view.php?id=6754>

- You should register your group (>1 and ≤ 3 students, from the same class) using an enrollment key:
 - E-mail your teacher saying “Students A, B and C want to be a group”
 - Teacher sends you the enrollment key (unique)
 - Students A, B and C use the enrollment key to access the Moodle course.
- The same enrollment key will be used to access the EVE network emulation environment that will be used in the 2nd, 3rd and 4th phases of the lab work.