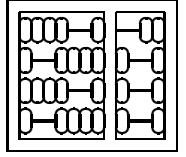




MO611 - COMPUTER NETWORKS  
FIRST SEMESTER – 2020  
INSTITUTO DE COMPUTAÇÃO — UNICAMP

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**\*\*\* Updated Syllabus due to class suspension. \*\*\***

**Classes.** Classes are suspended at least until April 12. Material for students is going to be available through online tools, such as Google Classroom (<https://classroom.google.com/a/unicamp.br>). To get access to Google Classroom, students must use their DAC accounts. Invites to the course page with access codes will be sent to your e-mails.

**Appointments.** Schedule by e-mail to have an appointment through an online tool. Appointments should be made in the same timeframe of the previously programmed classes. Exceptions can be made for those who have constraints.

### Contents

1. Introduction
2. Layers: Physical, Data Link, Network, Transport and Application
3. Wireless Networks
4. Virtualization of Networks and Services
5. Edge and Cloud Computing
6. Internet of Things

### Evaluation

Online activities/assignments, 1 practical work (to be defined), and 1 written test (planned for June 29, 2020).

### Bibliography

1. Kurose, J. e Ross, K.W. – “Computer Networking: A Top-Down Approach”, 6th Edition, Pearson
2. Tanenbaum, A.S. – “Computer Networks”, Fifth Edition, Pearson
3. Comer, D.E. – “Internetworking with TCP-IP - Vol. I - Principles, Protocols and Architecture”, 6th Edition, Pearson
4. Fonseca, N.L.S.; Boutaba, R. Cloud Services, Networking, and Management, IEEE Press, Wiley, 2015