



# Computer Networks (CN) 2020

Arquitectura, Diseño y Gestión de Redes (ADG)

Update to the official course guide for distance teaching while on lockdown

Introduction to Computer Networks, Design and Management.



# Changes to course teaching activities

Methodologies	
Methodologies	Description
Laboratory practicals	Design and implementation of simple networking experiments with real traffic and real equipment in a <u>remote data-communication specific laboratory</u> .
Problem solving, classroom exercises	The objective of these sessions consists of exposing the student to simple, specific and example-based problem resolution. While the confinement lasts, these sessions will be included in the AVIP <u>webconferences</u> and occassioanly will be embedded in <u>short videos</u> .
Assignments	CNPro: Practice including software development, independent research and network administration.
Presentations / expositions	Included in the <u>WH (Weekly Homeowrk)</u> , students explore and summarize aspects of networking beyond the core course topics in order to improve the student's communication abilit.
Practicals using information and communication technologies (ICTs) in computer rooms	In these sessions the student will get hands on experience in configuring computers and basic network equipment, will use a network simulator and write a simple C/S Java/C application. These abilities will contribute to the student being able to develop a substantial piece of software in a progressive, gradual manner.
Personal tuition	Lecturer's office hours via e-mail and <u>forum</u> while the lockdown lasts.
Lecture	Detailed explanations of the functions, structures aid essential algorithms on which many computer network features are based. Lectures will summarize the essential aspects of each chapter and provide students with guidance as to how to approach their study. While the lockdown lasts, these lectures will be given via AVIP <u>webconferences or other technologies</u> .

# + Grading

## Three Exams:

1. Ex1: In-person written exam 6-March
2. Ex2-1: Moodle exam for the material given on the first 5 weeks including Theory and Practices
3. Ex2-2: Moodle exam for the material given on the ensuing 9 weeks while on lockdown including Theory and Practices

### **Other comments and second call**

Each of the above activities (Exams, WHs, etc) receives a possible grade in a [0, 10] scale. The final grade results of applying a weight to each obtained grade. The overall weights appear on the rightmost column on the preceding table.

Final grade = 10% · Ex1 + traceroute · 5% + LabBook · 5% + Ex2-1 · 20% + WH · 35% + Ex2-2 · 25%

Notice that Exams Ex2-1 and Ex2-2 will be called on the same date and time (8 - June -2020, as was scheduled and advertised in the official calendar) and will be administered as a unique Moodle exam; the boundary between Ex2-1 and Ex2-2 will be announced in the exam itself. Students will be given separate grades to Ex1-1 and Ex-2.