ADENDA A LA GUÍA DOCENTE 2019/20 - ADDENDUM TO THE 2019/20 COURSE DESCRIPTION

MEDIDAS ESPECIALES PARA LA TRANSICIÓN A LA DOCENCIA NO PRESENCIAL POR COVID19. ADAPTACIONES DE LAS ACTIVIDADES DOCENTES Y DE EVALUACIÓN

SPECIAL MEASURES FOR ADAPTATION OF TEACHING AND EVALUATION ACTIVITIES DUE TO COVID19- TRANSITION TO NON PRESENTIAL TEACHING

Curso Académico: 2019/2020

Asignatura: Cloud Networking

Código: 17241

Titulación: Máster U. en Métodos Analíticos para Datos Masivos: Big Data / Master in Big Data Analytics

Coordinador/a: Marcelo Bagnulo

Fecha de Actualización: 30/4/2020

- 1. HERRAMIENTAS Y PLATAFORMAS UTILIZADAS PARA EL DESARROLLO DE LAS ACTIVIDADES DOCENTES
- 1. TOOLS AND PLATFORMS USED FOR THE DEVELOPMENT OF THE ACTIVITIES
- Blackboard collaborate for on-line classes (including theory, exercise classes, lab classes and review classes)
- Blackboard collaborate to record all the aforementioned classes to make them available for students in different time zones.
- Aula global to communicate the modifications of the schedule, of the methodology, to store recorded sessions, to announce the link to the online classes.
- Aula global to make tests.
- Our own virtualized environment to make the router lab sessions.
 - 2. ADAPTACIÓN DE LAS ACTIVIDADES Y DE LA PROGRAMACIÓN TEMPORAL DE LAS MISMAS
 - 2. ADAPTATION OF TEACHING ACTIVITIES AND TIME SCHEDULE

The course originally had 1 session of router labs planned. Due to the impossibility of physically accessing the laboratories, we made available a Linux virtual machine available to students (ubuntu 18.04 LTS distribution) on OVA format (created in Oracle VirtualBox) so that it can run it on personal computers. This virtual machine has been created from scratch, minimizing memory and CPU requirements necessary to run it. This machine has all the necessary software to execute the practices of the subject Cloud Networking: the engine and graphical interface of IMUNES (Integrated Multiprotocol Network Emulator / Simulator) (http://imunes.net/) as well as the necessary containers to emulate switches (OVS) and routers (QUAGGA). The virtual machine is available to the students to carry out the necessary tests on their computers. We will provide support for its correct installation.

We introduced an individual work that students need to deliver a report that we will grade, increasing the continuous evaluation.

We also modified the test methodology. Originally, we were planning to have regular tests, but we adapted to make online tests using Aula global.

3. SISTEMA DE EVALUACIÓN

3. ASSESSMENT SYSTEM

The final grade is composed by 3 items.

2 points of the lab work (students must deliver a report on the work done in the lab)

2 points of the individual work (students must deliver a report with their work)

6 points of the final exam

% EVALUACIÓN CONTINUA	% EVALUACIÓN FINAL
40%	60%