Addendum to the Course Information
Year 2021-2022

Possible adaptations due to COVID 19:

- **Scenario A:** Face-to-face reduced schedule
- **Scenario B:** Face-to-face suspended schedule

Bachelor in Computer Science Engineering

General Information of thec ourse					
Name: Computer Fundamentals					
Code: 606010108		**Year:**	1	**Semester:**	1

Course Information

http://www.uhu.es/etsi/estudiantes-2/incoming-students/

SCENARIO A

Syllabus adaptation

The course syllabus will not be modified in the scenario A

Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Problem solving sessions	Online
Sessions in laboratory or computer classroom	Face-to-face

* *Face-to-face/Online*

Description of teaching methodologies used for each training activity

Theoretical sessions on the syllabus contents: the participative lectures will be done via videoconference.

Problem solving sessions will be devoted to solve a batch of representative problems from the syllabus contents lectured in the theoretical sessions via videoconference.

The remaining training activities will be face-to-face and will be conducted using the methodologies described in the course teaching guide.

Description of teaching methodologies used for each training activity (continued)

Adaptation of evaluation system (continuous assessment)

Evaluation system	Type*	Percentage
Objective test (test type)	Synchronous	20
Open answer written test	Synchronous	45
Oral presentation / defense by videoconference	Face-to-face	24.5
Oral examination by video-audio conference	Face-to-face	10.5

** Face-to-face/ Synchronous/ Asynchronous*

Description of evaluation system

Objective test (test type): It will be completed a single test type questionnaire to assess the theoretical contents lectured in the course with a weight for the final mark of a 20%.

Open answer written test. A test containing several problems, related to the course syllabus, to be solved will be done. Its weight will be a 45% for the final mark.

Oral defense by videoconference. The student will present to the lecturer the right operation of the proposed circuits in the different practices and will answer to the questions raised by the lecturer about them. It will represent a 24.5% of the final mark.

Oral examination by video-audio conference. It will consist in the description of a circuit in VHDL language and its further simulation. This exam can only be done by those students who have defensed rightly at least five whole practices. The weight will be a 10.5% for the final mark.

The mark of the course theoretical part will be computed by adding the marks of the objective test (test type) and the open answer written test. Its weight will be a 65% for the final mark.

The mark of the course practical part will be calculated via the sum of Oral defense by videoconference and Oral examination by video-audio conference. The weight will be a 35% for the final mark.

Description of evaluation system (continued)

To pass the course, it will be mandatory to pass both parts in an isolated way.

Adaptation of evaluation system (final assessment)

Sistema de Evaluación	Formato*	Porcentaje
Objective test (test type)	Synchronous	20
Open answer written test	Synchronous	45
Oral examination by video-audio conference	Face-to-face	35

** Face-to-face/ Synchronous/ Asynchronous*

Description of evaluation system

Objective test (test type): It will be completed a single test type questionnaire to assess the theoretical contents lectured in the course with a weight for the final mark of a 20%

Open answer written test. A test containing several problems, related to the course syllabus, to be solved will be done. Its weight will be a 45% for the final mark.

Oral examination by video-audio conference. It will consist into two parts. In the first part, the student will design a digital system and implement rightly it in the practices' trainer. In the second part, the student must do the modeling of a digital system in VHDL language and its further simulation. The weight will be a 35% for the final mark.

The mark of the course theoretical part will be computed by adding the marks of the objective test (test type) and the open answer written test. Its weight will be a 65% for the final mark.

The mark of the course practical part will be calculated via the sum of Oral defense by videoconference and Oral examination by video-audio conference. The weight will be a 35% for the final mark.

To pass the course, it will be mandatory to pass both parts in an isolated way.

SCENARIO B

Syllabus adaptation

The course syllabus will not be modified in the scenario B

Adequacy of training activities and teaching methodologies

Training activity	Tipe*
Theoretical sessions on the syllabus contents	Online
Problem solving sessions	Online
Practical sessions	Online

* In scenario B, all the training activities will be carried out *Online*

Description of teaching methodologies used for each training activity

Theoretical sessions on the syllabus contents: the participative lectures will be done via videoconference.

Problem solving sessions will be devoted to solve a batch of representative problems from the syllabus contents lectured in the theoretical sessions via videoconference.

Practical sessions: in these sessions a set of practices concerning the modelling and simulation of different digital systems in the software packages Digital Works and WebPack from Xilinx.

Adaptation of evaluation system (continuous assessment)

Evaluation system	Type*	Percentage
Objective test (test type)	Online	20
Open answer written test	Online	45
Documents / original works (individual or in group)	Online	35

* In scenario B, all the evaluation systems will be carried out *Online*

Description of evaluation system

Objective test (test type): It will be completed a single test type questionnaire to assess the theoretical contents lectured in the course with a weight for the final mark of a 20%

Open answer written test. A test containing several problems, related to the course syllabus, to be solved will be done. Its weight will be a 45% for the final mark.

Documents / original works (individual or in group). For every proposed practice, the student must hand in to the lecturer a file containing the project done and another with a explanatory memory of the corresponding practice solving. The weight for the final mark will be a 35%.

The mark of the course theoretical part will be computed by adding the marks of the objective test (test type) and the open answer written test. Its weight will be a 65% for the final mark.

The mark of the course practical part will be the achieved mark of documents. The weight will be a 35% for the final mark.

To pass the course, it will be mandatory to pass both parts in an isolated way.

Adaptation of evaluation system (final assessment)

Evaluation system	Type*	Percentage
Objective test (test type)	Online	20
Open answer written test	Online	45
Exams or tests offline	Online	35

* In scenario B, all the evaluation systems will be carried out *Online*

Description of evaluation system

Objective test (test type): It will be completed a single test type questionnaire to assess the theoretical contents lectured in the course with a weight for the final mark of a 20%

Open answer written test. A test containing several problems, related to the course syllabus, to be solved will be done. Its weight will be a 45% for the final mark.

Exams or tests offline. It will be a test where the student must conduct the modelling of a digital system in VHDL and check its right operation via its simulation. The weight will be a 35% for the final mark.

The mark of the course theoretical part will be computed by adding the marks of the objective test (test type) and the open answer written test. Its weight will be a 65% for the final mark.

The mark of the course practical part will be the achieved mark of exams or tests offline. The weight will be a 35% for the final mark.

To pass the course, it will be mandatory to pass both parts in an isolated way.