

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 the course

Name: Programming Fundamentals / Introduction to programming

Code: 606010104

Year: 1

Semester: 1

Course Information

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

SCENARIO A

Syllabus adaptation

Adequacy of training activities and teaching methodologies

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

* Face-to-face/Online

Description of teaching methodologies used for each training activity

Sessions in computer classroom will be face-to-face.

Theory sessions and **problem-solving** sessions will face to face provided that the measures set by the health authorities can be respected. If this is not possible, the retransmission of the teaching by videoconference (via Zoom) will be used. Exceptionally, training activities will be online is decided by the School Governing.

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

Teaching methodologies in face-to-face format are described in the teaching guide. Teaching methodologies online will be:

Sessions on the contents of the program. Synchronous participatory master classes conducted by videoconference using Zoom, where the theoretical basis of the course will be taught.

Problem solving sessions. Synchronous participatory master classes conducted by videoconference using Zoom, where explanatory examples of problems will be presented.

Adaptation of evaluation system (continuous assessment)

Evaluation system	Type*	Percentage
Practice Exam	Face-to-face	60%
Examination of theory / problems	Face-to-face	40%

* Face-to-face/ Synchronous/ Asynchronous

Description of evaluation system

Practices - practical exams in computer lab (60%). Throughout the semester, students will carry out 2 partial tests on the laboratory practices. First practical test (18%) and second practical test (42%). A minimum of 80% attendance to practical sessions is required (otherwise the student will get a “Not Presented”).

Theory / Problems Exam (40%). Throughout the semester there will be 2 partial tests. The first test will have a weight of 12% and the second a weight of 28%. In these tests the student must solve different problems and / or theoretical questions.

All tests have a minimum grade of 3 points out of 10 required to be counted in the calculation of the final grade. Any grade (theoretical or practical) less than 3 will be considered as 0

In the event that the School Government has agreed to transfer the theoretical teaching to an online format, the theory exams will be adapted to this modality using online evaluation systems.

Description of evaluation system (continued)

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Adaptation of evaluation system (final assessment)

Sistema de Evaluación	Formato*	Porcentaje
Theory / Problems Exam	Face-to-face	40
Practice Exam	Face-to-face	60

* Face-to-face/ Synchronous/ Asynchronous

Description of evaluation system

Theory / Problems Exam (40%). It will consist of an exam in which the student must solve different problems and / or theoretical questions related to the topics of theory developed during the semester.

Practices (practical exams in computer lab) (60%). It will consist of a single practical exam in a computer lab, to solve one or more practical exercises.

All tests have a minimum grade of 4 points out of 10 required to be counted as 0.

SCENARIO B

Syllabus adaptation

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Adequacy of training activities and teaching methodologies

Training activity	Type*
Sessions on the contents of the program	Online
Practical sessions in computer labs / classrooms:	Online
Problem solving sessions.	Online

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

Description of teaching methodologies used for each training activity

Sessions on the contents of the program. Synchronous participatory master classes conducted by videoconference using Zoom, where the theoretical basis of the subject will be taught.

Practical sessions in computer labs / classrooms: Consist of the design and implementation of programs written in C ++ autonomously with the help and supervision of the teacher using Zoom.

Problem solving sessions. Synchronous participatory master classes conducted by videoconference using Zoom, where explanatory examples of problems will be presented.

Evaluation system	Type*	Percentage
Open response written test	Online	100%

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

Description of evaluation system

Open response written test (100%). The following tests will be carried out throughout the semester:

- Two written tests with a weight of 12% and 28% respectively, where the student must solve different problems and / or theoretical questions about the content of the subject
- Two written tests with a weight of 18% and 42% respectively, where the student must solve practical problems.

All tests have a minimum grade of 3 points, a lower grade will be considered as 0.

Evaluation system	Type*	Percentage
Open response written test	Online	100%

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

Description of evaluation system

Open response written test (100%). The following tests will be carried out:

- A test with a weight of 40% where the student must solve different problems and / or theoretical questions related to the theory topics developed during the semester.
- A test with a weight of 60% where the students must solve one or more practical exercises with which it can be evaluated if the student has acquired the knowledge related to the subject.

All tests have a minimum grade of 4 points, a lower grade will be considered as 0.