



Based on the principles of the prevention rules described in the "*Plan against COVID-19. Year 2020/21*" of the University of Huelva, and the availability of classrooms to teach according to the limitations of capacity, all the training activities and evaluation systems described in this document (in the **scenario A**) will be **FACE-TO-FACE**.

Information about timetables and classrooms:
<http://www.uhu.es/etsi/estudiantes-2/incoming-students/>

Addendum to the Course Information Year 2020-2021

Possible adaptations due to COVID 19:

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

Bachelor in Mechanical Engineering

General Information of the Course

Name: Physics II

Code: 606410107

Year: 1º

Semester: 2º

Course Information

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

SCENARIO A

Syllabus adaptation

Not required.

Adequacy of training activities and teaching methodologies

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

* Face-to-face/Online

Description of teaching methodologies used for each training activity

- 1) Theoretical sessions, synchronized via Zoom.
- 2) Lab and problem solving groups will be taught in small groups in the appropriate labs or rooms.
- 3) Academically directed teaching activities consist in the presentation of reports that imply the solution of key problems to understand the contents of the course. This can be done on line no synchronization is needed.

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

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Adaptation of evaluation system (continuous assessment)

Evaluation system	Type*	Percentage
Theory and problem exam, midterm	Face-to-face	35
Theory and problem exam, final	Face-to-face	35
Lab exam	Synchronous	10
Lab reports	Asynchronous	10
Test on academically directed teaching activities	Synchronous	10

* Face-to-face, Synchronous, Asynchronous

Description of evaluation system

1) The theory and resolution of problems account for 80% of the grade. These will be evaluated in two partial exams with theoretical questions (25%) and problems (75%). The 10% left will be the grade obtained in the test on the academically directed activities. The student must present online his work on certain assigned tasks (problems or reports).

2) Labs (20%). The lab credits will be evaluated through the reports of experiments performance (10%) and an exam to evaluate student understanding of the experimental methods (10%).

Description of evaluation system (continued)

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Adaptation of evaluation system (final assessment)

Evaluation system	Type*	Percentage
Theory and problem exam, part I	Face-to-face	40
Theory and problem exam, part II	Face-to-face	40
Examen de prácticas	Face-to-face	20

* Face-to-face, Synchronous, Asynchronous

Description of evaluation system

- 1) Theory and problems exam (80%). The contents are divided on two exam of equal weight, each of them will contain 25% of theory and 75% of problems.
- 2) Lab exam (20%). The exam conatin questions related to the experiments and the data analysis skills that the student should have adquired though the execution of the experiments.

SCENARIO B

Syllabus adaptation

Not required

Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Sessions in laboratory or computer classroom	Online
Problem solving sessions	Online
Academically directed teaching activities	Online

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

Description of teaching methodologies used for each training activity

The theoretical lectures will be on line using Zoom.

Lab experiments will be performed using simulators or video presentations. Experimental data will be provided such that the students can do the analysis and obtain the physical parameters searched with the experiment.

Problem solving sessions: problems and practical cases will be discussed online via zoom.

Academically directed teaching activities. Several of this activities will be done such tha the students can follow the course with individual work. They can upload several tasks in Moodle and defend them on line.

Evaluation system	Type*	Percentage
Theory and problem exam, part I	Synchronous	35
Theory and problem exam, part II	Synchronous	35
Lab exam	Synchronous	10
Lab reports	Asynchronous	10
Test on academically directed teaching activities	Asynchronous	10

* In scenario B, all the evaluation system will be carried out online

Description of evaluation system

- 1) Theory-problems exams (80%). The students will do the exams online, via zoom, under the supervision of the professor. After the exams, the students will present the exam contents answering the questions that the professor requires. The contents of the course will be evaluated in two exams of equal weight (35%), each one will consist on 25% of theoretical questions and the rest on problems. The academically directed activities (10%) will consist on problem sets that the students must upload on the required date.
- 2) The lab grade (20%) will come from the lab reports (10%) that consist on the description of the experiment, theoretical foundation and data analysis and a exam with questions related to the labs sessions and the skills the students must acquire with them (10%).

Evaluation system	Type*	Percentage
Theory and problem exam, part I	Synchronous	40
Theory and problem exam, part II	Synchronous	40
Lab exam	Synchronous	20

* In scenario B, all the evaluation system will be carried out online

Description of evaluation system

1) Theory-problems exams (80%). The students will do the exams online, via zoom, under the supervision of the professor. After the exams, the students will present the exam contents answering the questions that the professor requires. The contents of the course will be evaluated in two exams of equal weight (40%), each one will consist on 25% of theoretical questions and the rest on problems.

2) The lab grade (20%) will come from a exam with questions related to the labs sessions and the skills the students must acquire with them.