

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 Mining Exploitation and Energy Resources Engineering

General Information of the course

Name: ALTERNATIVE ENERGIES

Code: 606810228

Year: 3

Semester: 2

Course Information

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

SCENARIO A

Syllabus adaptation

Solo se adaptará el temario en aquellos casos en los que sea imposible impartir todos los contenidos indicados en el mismo en esta situación excepcional y siempre teniendo en cuenta que se deben asegurar las competencias indicadas en la memoria de verificación del título.

Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Academically directed teaching activities	Online
Fieldwork sessions	Face-to-face

* Face-to-face/Online

Description of teaching methodologies used for each training activity

Theoretical sessions on the contents of the program.

Participatory master classes will be held by videoconference using the Zoom program. To increase participation, a participatory forum will be opened on the content being delivered at all times.

Academically directed teaching activities.

There will be held various tests during the course so that the student is been monitoring to follow the evolution. All students (large group) enrolled in the subject are supposed to carry out with the proposed tests.

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

The methodological proposal consists of a harmonious combination of several techniques supervised by the lecturer: participatory master class, document analysis, independent essays and reports, and seminars. In addition, field practices (visits to energy facilities) are proposed. The first classes will focus on the explanation of this new way of learning by the lecturer. Subsequently and following the course schedule, each student must present orally in class three topics of the program that will have been previously prepared. The rest will prepare two questions on the subject and a question time will open in which they must answer each other. The moderator will be the student who exposes the theme of the day.

The professor will oversee the development of these activities as discussed in previous paragraphs and will have provided the necessary teaching material and bibliography for their preparation

The exhibitions will be of approximate 20-30 minutes in which the assimilation of all the basic concepts of each topic and the oral and visual presentation of the slides will be evaluated.

This requires the student to attend class regularly and show a participatory attitude in class. Weekly the student will deliver an essay of each topic of the syllabus (as they are exhibited in class), prepared in summaries and conceptual maps. The essays will be corrected and returned to students to provided information to reduce the gap between current performance and a desired goal.

In addition, the professor may ask students to prepare some articles of interest to be discussed in class or to carry out some voluntary bibliographic work to raise evaluation marks. For those who are not present at class or who do not overcome the continuous assessment there is an examination of the total content of the program

Adaptation of evaluation system (continuous assessment)

Evaluation system	Type*	Percentage
Oral presentation / defense by videoconference	Synchronous	
Documents / original works (individual or in group)	Asynchronous	
Objective test (test type)	Face-to-face	
Individual student monitoring	Asynchronous	

* Face-to-face/ Synchronous/ Asynchronous

Description of evaluation system

CONTINUOUS ASSESSMENT FOR COURSE BASED IN:

The oral presentation of written works and reports and the student's own documents/works (individual or group) will be the fundamental basis of the evaluation in this scenario, assuming 80% of the evaluation system.

The exhibition of 3 topics of the syllabus via zoom meeting. The assimilation of the basics of each topic and the oral and visual presentation of the slides will be evaluated.

The weekly delivery of an essay in which the full contents of each syllabus topic (as they are presented in class) are collected, elaborated in summaries and mind maps.

Bibliographic work may be requested on a subject related to the subject's program (optional).

The objective test (multiple choice) and the individual monitoring of the student represent the remaining 20%.

Question papers can include multiple choice questions, short questions on synchronus zoom meetings.

Description of evaluation system (continued)

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Adaptation of evaluation system (final assessment)

Sistema de Evaluación	Formato*	Porcentaje
Open answer written test	Face-to-face	60
Objective test (multiple choice)	Synchronous	20
Documents / original works (individual or in group)	Synchronous	20

* Face-to-face/ Synchronous/ Asynchronous

Description of evaluation system

Open Answer Written Test:

Question papers for the evaluation of theoretical and practical content.

4 questions to be developed

25 Points each

Maximum grade 100

Passing grade 50

Duration 1 hour.

This exam is 60% of the final grade.

Objective test (multiple choice):

It consists of 50 questions (multiple choice, true/false and relations), each worth 2 points and -0,6 for wrong or blank ones. You must get at least a 35 to make the average.

Maximum grade 100

Passing grade 50

Duration 40 minutes

This exam is 20% of the final grade.

Documents / original works (individual or in group)

Bibliographic seminar paper on a topic related to the syllabus or the completion of a third online synchronous question paper:

This will consist of 20 questions (multiple choice, true/false and relations), each worth 05 points and -01 for wrong or blank ones.

The student must get at least a 35 to make the average. Maximum grade 100

passing grade 50.

Duration 40 minutes

This seminar paper or exam is 20% of the final grade

SCENARIO B

Syllabus adaptation

Sólo se adaptará el temario en aquellos casos en los que sea imposible impartir todos los contenidos indicados en el mismo en esta situación excepcional y siempre teniendo en cuenta que se deben asegurar las competencias indicadas en la memoria de verificación del título.

Adequacy of training activities and teaching methodologies

Training activity	Type*
Theoretical sessions	Online
Academically directed teaching activities	Online
Fieldwork sessions	Online

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

Description of teaching methodologies used for each training activity

ALL ACTIVITIES WILL BE LEAD BY ZOOM MEETINGS AND MOODLE TOOLS

The methodological proposal consists of a harmonious combination of several techniques supervised by the lecturer: participatory master class, document analysis, independent essays and reports, and seminars. In addition, field practices are proposed by videos.

The first classes will focus on the explanation of this new way of learning by the lecturer. Subsequently and following the course schedule, each student must present orally in class three topics of the program that will have been previously prepared. The rest will prepare two questions on the subject and a question time will open in which they must answer each other. The moderator will be the student who exposes the theme of the day. The professor will oversee the development of these activities as discussed in previous paragraphs and will have provided the necessary teaching material and bibliography for their preparation

The presentations will be of approximate 20-30 minutes in which the assimilation of all the basic concepts of each topic and the oral and visual presentation of the slides will be evaluated.

This requires the student **to attend class (zoom meetings) regularly** and show a participatory attitude in class. Weekly the student will deliver an essay of each topic of the syllabus (as they are exhibited in class), prepared in summaries and conceptual maps. The essays will be corrected and returned to students to provided information to reduce the gap between current performance and a desired goal.

In addition, the professor may ask students to prepare some articles of interest to be discussed in class or to carry out some voluntary bibliographic seminar paper to raise evaluation marks. For those who are not present at class or who do not overcome the continuous assessment there is an examination of the total content of the program.

Evaluation system	Type*	Percentage
Oral presentation / defense by videoconference	Online	50
Documents / original works (individual or in group)	Online	30
Objective test (test type)	Online	10
Individual student monitoring	Online	10

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

Description of evaluation system

ON LINE CONTINUOUS ASSESSMENT FOR COURSE BASED IN:

The oral presentation of written works and reports and the student's own documents/works (individual or group) will be the fundamental basis of the evaluation in this scenario, assuming 80% of the evaluation system.

The exhibition of 3 topics of the syllabus via zoom meeting. The assimilation of the basics of each topic and the oral and visual presentation of the slides will be evaluated.

The weekly delivery of an essay in which the full contents of each syllabus topic (as they are presented in class) are collected, elaborated in summaries and mind maps.

Bibliographic work may be requested on a subject related to the subject's program (optional).

The objective test (multiple choice) and the individual monitoring of the student represent the remaining 20%.

Question papers can include multiple choice questions, short questions on synchronus zoom meetings.

Evaluation system	Type*	Percentage
Open answer written test	Online	60
Objective test (multiple choice)	Online	20
Documents / original works (individual or in group)	Online	20

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

Description of evaluation system

Open Answer Written Test:

Question papers for the evaluation of theoretical and practical content.

4 questions to be developed

25 Points each

Maximum grade 100

Passing grade 50

Duration 1 hour.

This exam is 60% of the final grade.

Objective test (multiple choice):

It consists of 50 questions (multiple choice, true/false and relations), each worth 2 points and -0,6 for wrong or blank ones. You must get at least a 35 to make the average.

Maximum grade 100

Passing grade 50

Duration 40 minutes

This exam is 20% of the final grade.

Documents / original works (individual or in group)

Bibliographic seminar paper on a topic related to the syllabus or the completion of a third online synchronous question paper:

This will consist of 20 questions (multiple choice, true/false and relations), each worth 05 points and -01 for wrong or blank ones.

The student must get at least a 35 to make the average. Maximum grade 100

passing grade 50.

Duration 40 minutes

This seminar paper or exam is 20% of the final grade