

29991 - Sustainable Development and International Cooperation

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	436 - Bachelor's Degree in Industrial Engineering Technology 438 - Bachelor's Degree in Telecommunications Technology and Services Engineering 440 - Bachelor's Degree in Electronic and Automatic Engineering 430 - Bachelor's Degree in Electrical Engineering 470 - Bachelor's Degree in Architecture Studies 558 - Bachelor's Degree in Industrial Design and Product Development Engineering 434 - Bachelor's Degree in Mechanical Engineering 476 - 435 - Bachelor's Degree in Chemical Engineering 439 - Bachelor's Degree in Informatics Engineering
ECTS	4.0
Course	---
Period	Indeterminate
Subject Type	Optional
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

29991 - Sustainable Development and International Cooperation

5.1. General methodological presentation

A brief video or participatory debate will be introduced in those theoretical and practical sessions where new concepts are introduced. Then through a brainstorming the students present their impressions on these concepts, thus creating a critical debate.

A case study will be developed to develop and strengthen the concepts of each theme. These sessions will begin with a description of the case and the theoretical contents necessary for its solution.

It aims to achieve a learning process based on enriching experiences, creating spaces for discussion and involving students in actual actions that stimulate decisions and conflict resolution.

Throughout the course are analyzed various international cooperation projects, in which students must jointly apply all the skills and knowledge that has been learned in the course. After its resolution, each group of students will present their conclusions, encouraging the exchange of ideas and opinions and enriching the learning process.

The tutorials can be used to review both knowledge and the work done by the student. To follow the course contents the student will have the teaching material developed by the teachers.

5.2. Learning activities

5.3. Program

1. Sustainable development and sense of universal responsibility
2. The Earth Charter initiative
3. The Hannover Statement
4. Millennium Development Goals
5. Globalization and social inequalities
6. Ecological footprint; North-South relations
7. Over-exploitation of natural resources
8. Sustainable practices in engineering and architecture
9. Development of international cooperation projects

29991 - Sustainable Development and International Cooperation

5.4.Planning and scheduling

The theoretical lessons will be complemented by case studies, distributed along the course. All these activities will be supported through the Moodle platform, using the *Anillo Digital Docente* of the University of Zaragoza. Some partial deliveries will be made throughout the course. Finally there will be a final delivery of the course work.

The dates set for the work presentations will be communicated to students at the beginning of the course, and by the Moodle application of the subject, considering the academic calendar of the EINA. The final work of the course will be delivered at the end of the course, in a date to be determined by the teacher and students, also according to the academic calendar of the EINA.

5.5.Bibliography and recommended resources

- BB Baudrillard, Jean. Cultura y simulacro ; La precesión de los simulacros ; El efecto Beaubourg ; A la sombra de las mayorías silenciosas ; El fin de lo social / Jean Baudrillard ; [traducción, Antoni Vicens, Pedro Rovira] . - 3a. ed Barcelona : Kairós, 2008
- BB Bunge, M. Ciencia, técnica y desarrollo / Bunge, M. . Pamplona: Laetoli, 2014
- BB Deleuze, Gilles. Rizoma : (introducción) / Gilles Deleuze, Felix Guattari Valencia : Pre-Textos, 1977
- BB García Bacca, Juan David. Ciencia, técnica, historia y filosofía en la atmósfera cultural de nuestro tiempo : Qué es "sociedad" (ensayo de "definirla" científica y ontológicamente)/ Juan David García Bacca. . - 1a. ed. Rubí (Barcelona) : Anthropos, 2006.
- BB García Bacca, Juan David. Elogio de la técnica / Juan David García Bacca . - 1a. ed. en Editorial Anthropos Barcelona : Anthropos, 1987
- BB Habermas, Jürgen. Ciencia y técnica como "ideología" / Jürgen Habermas ; traducción de Manuel Jiménez Redondo y Manuel Garrido . - 5ª ed. Madrid : Tecnos, 2007
- BB Heidegger, Martin. Carta sobre el humanismo / Martin Heidegger . - [3a. ed.] Madrid : Taurus, 1970
- BB Heidegger, Martin. Conferencias y artículos / Martin Heidegger ; traducción de Eustaquio Barjau . - 2ª ed. rev. Barcelona : Ediciones del Serbal, 2001
- BB Lovelock, James E.. Gaia : una nueva visión de la vida sobre la tierra / James Lovelock ; [traducción : Alberto Jiménez Rioja] Madrid : Hermann Blune, D.L. 1983
- BB Lovelock, James E.. La venganza de la Tierra : por qué la Tierra está rebelándose

29991 - Sustainable Development and International Cooperation

- y cómo podemos todavía salvar la humanidad / James Lovelock ; traducción de Mar García Puig . - 1ª ed. Barcelona : Planeta, 2007
- BB** Ordine, N . La utilidad de lo inútil: Manifiesto [L'utilità dell'inutile] / Ordine, N., & Flexner, A. - 1ª ed. Barcelona: Acantilado, 2013
- BB** Ortega y Gasset, José. La deshumanización del arte ; y otros ensayos de estética / José Ortega y Gasset ; prólogo Valeriano Bozal Madrid : Espasa-Calpe, D.L. 1987
- BB** Ortega y Gasset, José. Meditación de la técnica / José Ortega y Gasset. Madrid : Espasa-Calpe, D.L. 1965.
- BB** Riu, F. Ensayos sobre la técnica en ortega, heidegger, garcía bacca, mayz / Riu, F.. - 1ª ed. Rubí, Barcelona: Anthropos, 2010
- BB** Schmid, Wilhelm . La felicidad [Glück] / Wilhelm Schmid. - 1ª ed. Valencia: Pre-textos, 2010
- BB** Sennett, Richard. Artesanía, tecnología y nuevas formas de trabajo / Richard Sennett ; "Hemos perdido el arte de hacer ciudades" (entrevista de Magda Anglès) Buenos Aires ; Madrid : Katz ; Barcelona : Centro de Cultura Contemporánea de Barcelona, 2013
- BB** Sennett, Richard. El artesano / Richard Sennett ; traducción de Marco Aurelio Galmarini . - 1a. ed. Barcelona : Anagrama, 2009
- BB** Sennett, Richard. Juntos : rituales, placeres y políticas de cooperación / Richard Sennett ; traducción de Marco Aurelio Galmarini Barcelona : Anagrama, 2012