



## PRESENTATION

### **Brief description:**

The course of Ethics is focused on the study and analysis of the main questions of the moral actions of human beings. The program of the subject begins with an anthropological basis, in which the relationship between moral actions and the good of the person is highlighted. In this way, the awareness that we can have of all that we may desire as a personal good and the need to seek the true dimension of our actions in the various facets of society are linked.

The objective of the course is to provide an introduction to the fundamental concepts and principles of ethics. This will enable students to develop a framework for understanding ethical issues and to apply these principles to their professional and personal lives. The course will also address current issues and debates related to the students' future professional development.

This subject is part of the [Core Curriculum](#) of the University.

### **Qualification (Module/Subject):**

- Industrial Technologies Engineering (Personal and Social Training/Anthropology and Ethics)
- Mechanical Engineering (Personal and Social Training/Anthropology and Ethics)
- Electrical Engineering (Personal and Social Training/Anthropology and Ethics)
- Industrial Electronics Engineering (Personal and Social Training/Anthropology and Ethics)
- Telecommunication Systems Engineering (Personal and Social Training /Anthropology and Ethics)
- Industrial Organisation Engineering (Personal and Social Training/Anthropology and Ethics)
- Industrial Design and Product Development Engineering (Personal and Social Training/Anthropology and Ethics)
- Biomedical Engineering (Personal and Social Training/Anthropology and Ethics)
- Artificial Intelligence Engineering (Personal and Social Training/Anthropology and Ethics)

### **Details:**

- **ECTS:** 2 ECTS
- **Year, semester:** 1st year, 2nd semester
- **Character:** Compulsory
- **Language:** English

### **Lecturers in the subject:**

- Salomea Slobodian (sslobodian@unav.es)

## COMPETENCES / LEARNING OUTCOMES

### INDUSTRIAL TECHNOLOGIES ENGINEERING

R34 - Promote development of the personality in all its dimensions - scientific, cultural, human, etc. - in such a way that this may be reflected in greater development of critical capacity and awareness of problems, leading to an exercise of freedom which, while respecting legitimate pluralism, is sensitive to manifestations of solidarity and fraternity and helps to build spaces for equality, coexistence and friendship.



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R35 - Promote the social values of a peaceful culture, contributing to democratic coexistence, respect for human rights and fundamental principles such as equality and non-discrimination.

R36 - Understand that it is part of the university spirit to critically and reflectively confront the study of one's own discipline in relation to other aspects of knowledge.

R37 - Identify the most relevant questions of human existence present in the great religious, humanistic and scientific creations and adopt a reasoned personal stance on them.

R38 - Discover and judge the anthropological assumptions and ethical implications of one's own discipline.

## **MECHANICAL ENGINEERING**

R28 - Promote development of the personality in all its dimensions - scientific, cultural, human, etc. - in such a way that this may be reflected in greater development of critical capacity and awareness of problems, leading to an exercise of freedom which, while respecting legitimate pluralism, is sensitive to manifestations of solidarity and fraternity and helps to build spaces for equality, coexistence and friendship.

R29 - Promote the social values of a peaceful culture, contributing to democratic coexistence, respect for human rights and fundamental principles such as equality and non-discrimination.

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R31 - Identify the most relevant questions of human existence present in the great religious, humanistic and scientific creations and adopt a reasoned personal stance on them.

R32 - Discover and judge the anthropological assumptions and ethical implications of one's own discipline.

## **ELECTRICAL ENGINEERING**

R30 - Promote development of the personality in all its dimensions - scientific, cultural, human, etc. - in such a way that this may be reflected in greater development of critical capacity and awareness of problems, leading to an exercise of freedom which, while respecting legitimate pluralism, is sensitive to manifestations of solidarity and fraternity and helps to build spaces for equality, coexistence and friendship.

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## **INDUSTRIAL ELECTRONICS ENGINEERING**

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## **TELECOMMUNICATION SYSTEMS ENGINEERING**

R26 - Promote development of the personality in all its dimensions - scientific, cultural, human, etc. - in such a way that this may be reflected in greater development of critical capacity and awareness of problems, leading to an exercise of freedom which, while respecting legitimate pluralism, is sensitive to manifestations of solidarity and fraternity and helps to build spaces for equality, coexistence and friendship. (Type: Competences)

R27 - Promote the social values of a peaceful culture, contributing to democratic coexistence, respect for human rights and fundamental principles. (Type: Competences)

R28 - Understand that it is part of the university spirit to critically and reflectively confront the study of one's own discipline in relation to other aspects of knowledge. (Type: Competences)

R29 - Identify the most relevant questions of human existence present in the great religious, humanistic and scientific creations and adopt a reasoned personal stance on them. (Type: Competences)

R30 - Discover and judge the anthropological assumptions and ethical implications of one's own discipline. (Type: Competences)

## **INDUSTRIAL ORGANISATION ENGINEERING**

R31 - Promote development of the personality in all its dimensions - scientific, cultural, human, etc. - in such a way that this may be reflected in greater development of critical capacity and awareness of problems, leading to an exercise of freedom which, while respecting legitimate pluralism, is sensitive to manifestations of solidarity and fraternity and helps to build spaces for equality, coexistence and friendship.

R32 - Promote the social values of a peaceful culture, contributing to democratic coexistence, respect for human rights and fundamental principles such as equality and non-discrimination.

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R34 - Identify the most relevant questions of human existence present in the great religious, humanistic and scientific creations and adopt a reasoned personal stance on them.

R35 - Discover and judge the anthropological assumptions and ethical implications of one's own discipline.

## **INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT ENGINEERING**

R22 - Promote development of the personality in all its dimensions - scientific, cultural, human, etc. - in such a way that this may be reflected in greater development of critical capacity and awareness of problems, leading to an exercise of freedom which, while respecting legitimate pluralism, is sensitive to manifestations of solidarity and fraternity and helps to build spaces for equality, coexistence and friendship.

R23 - Promote the social values of a peaceful culture, contributing to democratic coexistence, respect for human rights and fundamental principles such as equality and non-discrimination.



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R24 - Understand that it is part of the university spirit to critically and reflectively confront the study of one's own discipline in relation to other aspects of knowledge.

R25 - Identify the most relevant questions of human existence present in the great religious, humanistic and scientific creations and adopt a reasoned personal stance on them.

R26 - Discover and judge the anthropological assumptions and ethical implications of one's own discipline.

## **BIOMEDICAL ENGINEERING**

R37 - Promote development of the personality in all its dimensions - scientific, cultural, human, etc. - in such a way that this may be reflected in greater development of critical capacity and awareness of problems, leading to an exercise of freedom which, while respecting legitimate pluralism, is sensitive to manifestations of solidarity and fraternity and helps to build spaces for equality, coexistence and friendship.

R38 - Promote the social values of a peaceful culture, contributing to democratic coexistence, respect for human rights and fundamental principles such as equality and non-discrimination.

R39 - Understand that it is part of the university spirit to critically and reflectively confront the study of one's own discipline in relation to other aspects of knowledge.

R40 - Identify the most relevant questions of human existence present in the great religious, humanistic and scientific creations and adopt a reasoned personal stance on them.

R41 - Discover and judge the anthropological assumptions and ethical implications of one's own discipline.

## **ARTIFICIAL INTELLIGENCE ENGINEERING**

R22- Interpret the information obtained from one's own discipline in relation to other knowledge, assessing its relevance and scope from a critical perspective. (Type: Competences).

R25 - Identify the underlying problem in its scientific and human dimension, gathering the necessary information and selecting the relevant elements for an objective understanding. (Type: Competences)

R26 - Identify values and ethical principles related to a peaceful culture, democratic coexistence, respect for human rights, equality and non-discrimination. (Type: Competences)

R27 - Identify the most relevant questions of human existence present in the great religious, humanistic and scientific creations and adopt a reasoned personal stance on them. (Type: Competences)

R28 - Judge the anthropological assumptions and ethical implications of one's own discipline. (Type: Competences)

## **COURSE CONTENT**

Week 1. Introduction

Week 2. Ethics and Ethos

Week 3. Viewing of Film 1

Week 4. Debate 1. Dignity: the core of Ethics

Week 5. How to build a moral argument? (Didactic session for oral presentations)

Week 6. What is a morally relevant action?



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Week 7. Oral Presentation (1)

Week 8. Oral Presentation (2)

Week 9. What is a good life?

Week 10. Means and ends

Week 11. The Concept of Freedom

Week 12. Optional Essay or Practical Session + Review

Week 13. Final Exam

## TRAINING ACTIVITIES

- Ethical debate after watching a film.
- Students will be required to complete a group project, which will involve analysing one or more ethical issues of their own choice. The ethical issue to be analysed will fall within the field of engineering.

- **Optional Short Essay (up to 1 point to the final grade)**

## EVALUATION

20% Attendance and Participation

30% Oral Presentations

50% Final Exam

(+10% Optional Essay)

**ATENCIÓN:** Se recuerda que cualquier intento de fraude, copia, plagio u otro comportamiento irregular supone una infracción grave tal y como está contemplado en el título IV "Normas de disciplina académica de los estudiantes" dentro del [Sistema de normas sobre la convivencia](#) en la Universidad de Navarra.

## ORDINARY EXAMINATION SESSION

Multiple choice questions on the content of the theoretical classes and R. Spaemann's book.

## EXTRAORDINARY EXAMINATION SESSION (RESITS)



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Similar to the ordinary examination session.

## OFFICE HOURS

Dr. Salomea Slobodian ([sslobodian@external.unav.es](mailto:sslobodian@external.unav.es))

- Tutoring hours and place: to be confirmed by e-mail.

## BIBLIOGRAPHY

### Basic Bibliography:

Spaemann, Robert, *Basic Moral Concepts*, (Armstrong, T.J., trans.), Routledge, New York, 1989.  
[Find it in the library](#)

### List of books for the essay:

Euripides, *Medea* : A New Translation (Berkeley, CA: University of California Press, 2019). [Find it in the library](#)

Frankl, Viktor, E., *Man's Search for Ultimate Meaning* (Perseus Pub., 2000). [Find it in the library](#)

Plato, *Apology*, trans. by Benjamin Jowett (Project Gutenberg, 1999). [Find it in the Library](#)

Shakespeare, William, *Hamlet* (Aurora Metro Press, 2016). [Find it in the Library](#)

### Indicative Bibliography:

Johnson, Deborah G. *Engineering Ethics : Contemporary and Enduring Debates*. New Haven, CT: Yale University Press, 2020. [Find it in the Library](#)

Bilbao, Galo, Javier Fuentes, y Jose Maria Guibert. *Ética para ingenieros*. 2a edición. Bilbao: Desclee De Brouwer, 2006. [Find it in the Library](#)

Escolá Gil, Rafael, y José Ignacio Murillo. *Ética para ingenieros*. 2ª ed. Pamplona: EUNSA, 2002. [Find it in the Library](#)

Aristotle, *Nicomachean Ethics*, Centre for Political and Constitutional Studies. Bilingual edition, María Araujo and Julián Marías, Madrid 2009.

Arendt, Hannah, *Eichmann in Jerusalem : A Report on the Banality of Evil*. Rev. and enlarged ed. Harmondsworth (Penguin Books, 1994).

Foot, P., *Theories of Ethics* (Oxford University Press).

Ginzburg, Natalia, *The Little Virtues* (Daunt Books, 2018). [Localízalo en la Biblioteca](#)

Hume, D., *A Treaty on Human Nature* (Oxford Clarendon Press, 2011).



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Pinckaers, Servais, O.P., *Sources of Christian Ethics*, 3rd ed. (T.&T.Clark Ltd, 1995).

Shafer-Landau, Russ, *A Concise Introduction to Ethics* (Oxford University Press).

Saint Augustine, and Edward Bouverie Pusey, *The Confessions of St. Augustine*, 1st ed. (Floating Press, 2018).

Ginzburg, N., *Las pequeñas virtudes*, Editorial Acanalado, Barcelona, 2002. [Find it in the library](#)

Golding, W., *Lord of the Flies*. Alianza Editorial, 2010. [Find it in the library](#)

Huxley, A., *Brave New World*. DeBolsillo 2021. [Find it in the library](#)

Lewis, Clive Staple, *The Four Loves*, Rialp, Madrid, 1991. [Find it in the library](#)

Llano, A., *La vida lograda*, Ariel, 2017. [Find it in the library](#)

Ortega y Gasset, J., *La rebelión de las masas*. Austral, 1999. [Find it in the library](#)

Plato, *Gorgias*, Ed. Gredos. [Find it in the library](#)

Steinbeck, J., *The Pearl*, Ed. Edhasa 2022. [Find it in the library](#)