1. **Code and Name:** GH1013. Science, Art and Society
2. **Credits:** 2
3. **Hours of theory and Lab:** 2 HT;
4. **Professor(s)**
   Meetings after coordination with the professor
5. **Bibliography**

[Art99]   Danto. Arthur. *Después del fin del arte (Traducción de Elena Neerman)*. Barcelona,Paidós, 1999.

6. **Information about the course**

   (a) **Brief description about the course** The development of the course serves three objectives: firstly, to understand modernity from three perspectives: scientific, social and artistic-cultural; secondly, to revise the fundamental concepts that constituted the modern imaginary from the perspective of their cultural, scientific and institutional works; and, thirdly, to discuss and talk about current criticisms of modernity and its principles from the new philosophical, sociological and artistic theories of the twentieth and the twenty-first century. These three objectives are organized around the three horizons that make up the main intention of our course: the modern scientific horizon, the socio-political horizon and the artistic horizon. From this triple horizon, we will expose, discuss and participate in the reconstruction of the imaginary and the modern mentality, whose multiple contributions and developments still constitute and develop our contemporary imaginary. In fact, it is not possible to interpret our actuality and its consequences, if not on the base of the social, scientific and scientific products that are projected by modernity. However, our course is not only limited to historical revision; in addition if offers an essential component of any historical understanding: the analysis and the revision of the boundaries and scope of modernity. From this revision, we will better understand the contemporary consequences of modern projects and how they were surpassed, continued or have agreed to the rewriting of their intentions- not from a modern, but from a postmodern perspective.

   (b) **Prerrequisites:**

   (c) **Type of Course:** Mandatory

7. **Competences**

   - Identify the fundamental concepts of Modernity.

   - Understand the historical-cultural situation of the twentieth and the twenty-first century called Postmodernity.

8. **Contribution to Outcomes**

   d) An ability to function on multidisciplinary teams. (**Usage**)

   e) Understand correctly the professional, ethical, legal, security and social implications of the profession. (**Usage**)

   f) An ability to communicate effectively. (**Usage**)

   n) Apply knowledge of the humanities in their professional work. (**Usage**)

   o) Improve the conditions of society by putting technology at the service of the human being. (**Usage**)

9. **Competences (IEEE)**

   C10. Understanding of the impact on individuals, organizations, and society of deploying technological solutions and interventions.⇒ **Outcome d,n,o**

C17. Ability to properly express in oral and written media as expected from a university graduate. ⇒ **Outcome f**

C18. Ability to participate actively and as a member of a team. .⇒ **Outcome f**

C21. Understanding the professional, legal, security, political, humanistic, environmental, cultural and ethical issues. ⇒ **Outcome e**

10. List of topics

1. Criticism of Modernity

11. Methodology and Evaluation
Methodology:

Theory Sessions:
The development of the theoretical sessions is focused on the student, through his active participation, solving problems related to the course with the individual contributions and discussing real cases of the industry. The students will develop throughout the course a project of application of the tools received in a company.

Lab Sessions:
Practical sessions are held in the laboratory. Laboratory practices are performed in teams to strengthen their communication. At the beginning of each laboratory the development of the practice is explained and at the end the main conclusions of the activity in group form are highlighted.

Oral Presentations :
Individual and team participation is encouraged to present their ideas, motivating them with additional points in the different stages of the course evaluation.

Reading:
Throughout the course different readings are provided, which are evaluated. The average of the notes in the readings is considered as the mark of a qualified practice. The use of the UTEC Online virtual campus allows each student to access the course information, and interact outside the classroom with the teacher and with the other students.
Evaluation System:
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12. Content

Unit 1: Criticism of Modernity (12)	
Competences Expected: 4	
Learning Outcomes	**Topics**
• Value and critically revise the general artistic and cultural developments of Modernity from contemporary considerations.	• What does being modern mean? • The Scientific Revolutions • The Mathematical Model of Nature: Copernico and Newton • New Specific Revolutions: The peak of the Twentieth Century • Nature and Art • Birth of the Subject • Disenchantment and Demystification. Secularization • The Origin of Art Criticism • The End Of Art: Of Urinaries And Bicycle Wheels
Readings : [Art99]	