

## **COURSE DESCRIPTION**

***HISTORY OF DENTISTRY AND GOOD PRACTICES***

***YEAR 1 COURSE SEMESTER 2***

***DEGREE ODONTOLOGY***

***MODALITY ATTENDANCE REQUIRED***

***ACADEMIC YEAR 2021/2022***

***FACULTY OF MEDICINE***

## 1. COURSE/SUBJECT IDENTIFICATION

### 1.- COURSE/SUBJECT:

|   |   |                |
|---|---|----------------|
| Name: History of Dentistry and Good Practices       |   |                |
| Code: 19690   |   |                |
| Year (s) course is taught: First                    | Semester (s) when the course is taught: First |                |
| Type: Compulsory                                    | ECTS of the course: 6                         | Hours ECTS: 30 |
| Language: English                                   | Modality: On campus                           |                |
| Degree (s) in which the course is taught: Dentistry |   |                |
| School which the course is taught: Medicine         |   |                |

### 2.- ORGANIZATION OF THE COURSE:

|                                |
|--------------------------------|
| Department: Dentistry          |
| Area of knowledge: Stomatology |

## 2. LECTURERS OF THE COURSE/SUBJECT

### 1.-LECTURERES:

| Responsible of the Course     | CONTACT  |
|-------------------------------|--|
| Name:                         | Leyre Prado Simón  |
| Phone (ext):                  | 15215  |
| Email:                        | leyre.pradosimon@ceu.es  |
| Office:                       | D201   |
| Teaching and Research profile | PhD. In Dentistry.<br>MSc. In Forensic Dentistry.<br>MSc. in Preventive and Community Dentistry. |
| Research Lines                | Artificial intelligence in dentistry   |

### 2.- TUTORIALS:

For any queries students can contact lecturers by e-mail, phone or visiting their office during the teacher's tutorial times published on the students' Virtual Campus.

### 3. COURSE DESCRIPTION

The aim of the first part of this subject is to acquire an in-depth knowledge of the History of Dentistry related to the overall development of Science and the History of the different civilizations involved. The objective of the second part of the subject will be the establishment of the basic concepts necessary for the future dentist in their relationship with the patient and society.

### 4. COMPETENCIES

#### 1.- COMPETENCIES

| Code | Basic and General Competencies   |
|------|--|
| CB2  | That students know how to apply their knowledge to their work or vocation in a professional way and possess the competencies that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study. |
| CB3  | That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include reflection on relevant issues of a social, scientific or ethical nature.  |
| CG01 | Know the essential elements of the dental profession, including ethical principles and legal responsibilities.   |
| CG02 | Understand the importance of such principles for the benefit of the patient, society and the profession, with special attention to professional secrecy.   |
| CG03 | Know how to identify the concerns and expectations of the patient, as well as communicate effectively and clearly, both orally and in writing, with patients, family members, the media and other professionals.   |
| CG04 | Understand and recognize the social and psychological aspects relevant to the treatment of patients.   |
| CG06 | Understand the importance of developing a professional practice with respect for the patient's autonomy, their beliefs and culture.  |
| CG07 | Promote autonomous learning of new knowledge and techniques, as well as motivation for quality.  |
| CG08 | Know how to share information with other health professionals and work as a team.  |
| CG09 | Understand the importance of maintaining and using records with patient information for subsequent analysis, preserving the confidentiality of the data.   |
| CG18 | Know, critically assess and know how to use clinical and biomedical information sources to obtain, organize, interpret and communicate scientific and health information.  |

| Code | Basic and general Competencies  |
|------|---|
| CE1  | Know the biomedical sciences on which Dentistry is based to ensure correct oral and dental care. These sciences should include appropriate content from: Embryology, anatomy, histology, and physiology of the human body; Genetics, Biochemistry, Cellular and Molecular Biology; Microbiology and Immunology. |
| CE3  | Know the scientific method and have a critical capacity to assess established knowledge and new information.  |
| CE11 | Know the behavioral and communication sciences that facilitate dental practice.   |
| CE24 | To know the legislative and administrative ethical-deontological precepts that regulate the   |

|      |  |
|------|--|
|      | dental profession and their application in management and clinical practice, as well as to know the organization, competencies and functions of professional corporations.   |
| CE26 | Know the role of the dentist within the health professions and work with other health professionals and other members of the dental team.  |
| CE27 | Recognize that the patient is the center of care and that all interactions, including prevention, diagnosis, planning and execution of treatment and maintenance, must seek their best interest, avoiding any type of discrimination and respecting confidentiality. |

## 2.- LEARNING OUTCOMES:

| Code | Learning outcomes   |
|------|---|
|      | In depth knowledge of History of Odontology related to the History of Knowledge, Science and Medicine. Know the basic concepts necessary for the future dentist in their relationship with the patient and society. |

## 5. LEARNING ACTIVITIES

### 1.- DISTRIBUTION OF STUDENTS' ASSIGNMENT:

|                           |     |
|---------------------------|-----|
| Total hours of the course | 180 |
|---------------------------|-----|

| Code                 | Name                              | On-campus hours |
|----------------------|-----------------------------------|-----------------|
|                      | Theoretical and practical classes | 55              |
|                      | Evaluation                        | 5               |
| TOTAL Presence Hours |                                   | 60              |

| Code | Name                 | Not on-campus hours |
|------|----------------------|---------------------|
|      | Individual/ teamwork | 90                  |

### 2.- DESCRIPTION OF LEARNING ACTIVITIES:

| Activity                            | Definition  |
|-------------------------------------|---|
| <b>Lecture</b>                      | Learning activity oriented preferably to the competence of acquisition of knowledge and representative of more theoretical subjects. This activity gives priority to the transmission of knowledge by the professor, with the previous preparation or later study from the student.   |
| <b>Individual and / or teamwork</b> | Learning activity which highlights the participation of the student in the reasoned interpretation of the contents and the sources of the area of study. It is oriented preferably to the competence of the application of knowledge, and to the ability of gathering, interpreting, and judging information and relevant data. It is representative of mixed profile activities or subjects, theories and practices. |
| <b>Academic tutoring</b>            | Activity aimed at guide during the formative process, with individual or group attention.   |

## 6. ASSESMENT OF LEARNING

### 1.- CLASS ATTENDANCE:

- To be eligible for examination by continuous assessment students must attend at least 75% of scheduled class time (attendance sheets will be used). As students may be absent 25% of the classes, no attenuating circumstances will be accepted for absences.
- 100% attendance at practical classes is required.

### 2.- ASSESMENT SYSTEM AND CRITERIA:

| ORDINARY EXAMINATION (continuous assessment) |   |            |
|--|---|------------|
| Code   | Name  | Percentage |
|  | Assistance and participation. Continuous assessment. Individual and / or teamwork | 40%        |
|  | Exam  | 60%        |
|  |   |            |

| RE-TAKE EXAM/EXTRAORDINARY EXAMINATION |   |            |
|--|---|------------|
| Code                                   | Name  | Percentage |
|  | Continuous assessment. Individual and / or teamwork | 20%        |
|  | Exam  | 80%        |

### 3.- DESCRIPTION OF ASSESSMENT CRITERIA:

| Assessment criteria                                    | Definition  |
|--|---|
| <b>Continuous assessment.<br/>Ordinary examination</b> | <p>Punctuality, participation, attitude and teamwork will be evaluated. The student who has not completed 75% or more of the continuous assessment activities will not do the mid-term exam or the final exam. In the midterm exam, the student should get a minimum of 7 out of 10 points to release the content.</p> <p>The final exam is mandatory for all students. It Will evaluate all the content included in the subject. Those students who had 75% or more attendance and <math>\geq 7</math> points in the midterm exam will only have to do the remaining content of the subject. The students should pass the final exam (get more than 5 out of ten) to pass the whole subject.</p> |
| <b>Extraordinary examination</b>                       | The student who does not pass the subject in the ordinary exam, must take the final exam reset of the extraordinary call. This exam will include all the themes covered during the course.  |
|  | "The student who does not present the final examination during the regular or extraordinary session will be graded with" Not Presented," whether you have made any own academic activity ongoing evaluation."   |

## 7. COURSE PROGRAMME

### 1.- COURSE PROGRAMME:

|   |
|---|
| <p>Part I. History of Dentistry</p> <ol style="list-style-type: none"> <li>1. Oriental cultures <ol style="list-style-type: none"> <li>a) Egipt</li> <li>b) Mesopotamia</li> <li>c) Palestine and Syria</li> </ol> </li> <li>2. India.</li> <li>3. Far east cultures. <ol style="list-style-type: none"> <li>a) China.</li> <li>b) Japan.</li> </ol> </li> <li>4. Precolombine America <ol style="list-style-type: none"> <li>a) Aztecs.</li> </ol> </li> </ol> |
|---|

- b) Mayans.
  - c) Inca.
- 5. Greek-Roman Medicine
  - a. The greek
  - b. Rome
- 6. The end of the classical age.
  - a. Bizantium.
  - b. Western Europe.
- 7. Islam.
- 8. The middle age in Europe.
- 9. The beginning of the Natural Sciences.
  - a. XVI century.
  - b. XVII century.
- 10. The industrial age
  - a. XVIII Century.
  - b. XIX Century.

#### Part II. Good Practices

- 1. Introduction to bioethics (I)
- 2. Introduction to bioethics (II)
- 3. Ethical reflection
- 4. Information transfer and decision-making
- 5. Ethical dimension of research in dentistry.
- 6. Clinical decisions, ethical conflicts and decision-making in dentistry.
- 7. Companies, research, future.
- 8. Spanish Code of Dental Ethics and Deontology: Basic concepts and principles of patient care
- 9. Spanish Code of Dental Ethics and Deontology: Clinical History. From the information to the patient. Of professional secrecy.
- 10. Spanish Code of Dental Ethics and Deontology: Quality of care. Exercise conditions. Fees.
- 11. Spanish Code of Dental Ethics and Deontology: Professional attitude. Of professional and para-professional relationships
- 12. Spanish Code of Dental Ethics and Deontology: Relationship with other health professions and auxiliary personnel. Relationship with General Dental Council. Relationship with other institutions.
- 13. Spanish Code of Dental Ethics and Deontology: On research and professional publications. Of the code of ethics and deontology and the collegiate organization.

## 8. RECOMMENDED READING

### 1.- ESSENTIAL BIBLIOGRAPHY:

- 1. Wynbrandt J. The Excruciating History of Dentistry: Toothsome Tales & Oral Oddities from Babylon to Braces. New York : St. Martin's Press; 1998
- 2. Ring ME. Dentistry: An Illustrated History. Abrams; 1985
- 3. Taylor JA: History of Dentistry. Andesite Press; 2017
- 4. Hoffmann-Axthelm W: History of Dentistry. Chicago: Quintessence Publishing Co.; 1981
- 5. Ustrell JM y Buxarrais MR. Ética Aplicada a la Odontología. Valencia: Lisermed Editorial SL; 2020.
- 6. Ozar DT, Sokol DJ, and Patthoff DE. Dental Ethics at chairside. Third Edition. Washington DC. Georgetown University Press; 2018
- 7. Brennan M et al. Ethics and Law for the Dental Team. First Edition. PasTest Ltd; 2006

## 9. ATTITUDE IN THE CLASSROOM

### 1.- REGULATIONS

Any irregular act of academic integrity (no reference to cited sources, plagiarism of work or inappropriate use of prohibited information during examinations) or signing the attendance sheet for fellow students not present in class will result in the student not being eligible for continuous assessment and possibly being penalized according to the University regulations.

The same rule will apply to those students that, without permission from the teacher, make use of electronic devices (computers, mobile phones, etc.) in the classroom. Likewise, all materials used in this course, including notes, tests, assignments, etc. are covered by copyrights which forbid you from sharing class materials with any group. The Professors reserve all copyright and other intellectual property rights associated with their material (notes, tests, assignments, etc.). You are in violation of the law if you post/text/share any course materials for use by others.

## 10. EXCEPTIONAL MEASURES

Should an exceptional situation occur which prevents continuing with face-to-face teaching under the conditions previously established to this end, the University will take appropriate decisions and adopt the necessary measures to guarantee the acquisition of skills and attainment of learning outcomes as established in this Course Unit Guide. This will be done in accordance with the teaching coordination mechanisms included in the Internal Quality Assurance System of each degree.