

1. BASIC INFORMATION

Course	Introduction to the Clinical Dentistry
Degree program	Dentistry
School	Biomedical Sciences
Year	1º Course
ECTS	6
Credit type	Basic
Language(s)	English
Delivery mode	Presential
Semester	Second semester
Academic year	2025-2026
Coordinating professor	Eva González Tocado y Blanca Cèline de las Heras Vercher

2. PRESENTATION

Students receive information related to dental nomenclature and terminology, the most common diseases in oral cavity, treatments, concepts of instrumental and basic dental equipment, risk prevention, systems of hygiene disinfection and sterilization, and ergonomic concepts.

3. LEARNING OUTCOMES

Knowledge

KN01 Know the essential elements of the dental profession, including ethical principles and legal responsibilities.

KN05 Promote autonomous learning of new knowledge and techniques, as well as motivation for quality.

KN10 Understand and recognise the science of biomaterials essential to dental practice, as well as the immediate management of potential allergies to them.

KN14 Understand and recognise the principles of ergonomics and safety at work (including cross-infection control, radiation protection, occupational and biological diseases).

KN23 To understand the scientific principles of sterilisation, disinfection and antisepsis necessary to prevent cross-infection in dental practice.

KN27 To understand dental biomaterials: their handling, properties, indications, allergies, bio-compatibility, toxicity, waste disposal and environmental impact.

Subject-specific knowledge

- Understand basic dental terminology.
- Understand the importance of dental caries and periodontal disease.

- Distinguish between the different types of prosthodontic rehabilitation and maintenance treatments in their arches.
- Differentiate the most common and widely used dental equipment and instruments, both in the clinic and in the laboratory.
- Identify and know how to prevent physical, chemical and biological risks derived from actions in the field of dentistry.
- To understand the main principles and values derived from the discipline of ergonomics in its application in dentistry.
- Understand and apply the B.H.O.P. working posture in a pre-clinical environment.
- Stimulating and facilitating work with health care team staff

Skills

SK16 Acquire pre-clinical experience under appropriate supervision in simulated environments.

Subject-specific skills

- Apply the ergonomic and safety principles learnt in the course in simulated pre-clinical practices.
- To experience the first contact with rotating instruments in a simulated environment.
- Apply the most common dental nomenclature and terminology in simulated pre-clinical practice.

Competences

CP04 Handle, discriminate and select appropriate materials and instruments in dentistry.

CP05 Apply the principles of ergonomics in dental work, both at the individual level and within the work team when appropriate, as well as in the principles of occupational risk prevention associated with dental practice.

CP44 Integrate analysis with critical thinking in a process of evaluating different ideas or professional possibilities and their potential for error, based on objective evidence and data leading to effective and valid decisionmaking

4. CONTENT

- Introduction to the subject
- General introduction to dental caries
- General introduction to periodontal disease
- Introduction to the main rehabilitative dental procedures
- Basic clinical instruments
- Clinical equipment
- Dental laboratory concept
- Introduction to risks and their prevention in dental work
- Chain of Hygiene - disinfection and sterilisation of instruments in the dental clinic
- Treatment of waste arising from dental work
- Introduction to Ergonomics in dentistry
- Introduction to working postures in dentistry
- Introduction to planning and standardisation of dental procedures
- Teamwork in the dental clinic

5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methodologies used are indicated below:

- MD1 Master class
- MD3 Cooperative learning
- MD8 Simulation environments

6. LEARNING ACTIVITIES

Listed below are the types of learning activities and the number of hours the student will spend on each one:

Campus-based mode:

Learning activity	Number of hours	Presence %	Presential hours
AF1 Master classes	24,5	100	24,5
AF2 Practical application seminars	3	100	3
AF5 Oral presentations	5	100	5
AF8 Activities in practical course and/or laboratories	25	100	25
AF10 Self working	90	0	0
AF12 Presential Knowledge test	2,5	100	2,5
TOTAL	150		60

7. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

Campus-based mode:

Assessment system	Weight
SE1 Knowledge Test*	35%
SE2 Oral Activities	10%
SE6 Performance evaluation *	45%
SE7 Systematic observation*	10%
Total	100%

* SE1 Knowledge Test: Theoric exam

* SE6 Performance evaluation: preclinical practices, competences and Simodont

* SE7 Systematic observation: theoretical written activities

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

7.1. First exam period

In order to pass the course in the ordinary exam session, you must obtain a grade higher or equal to 5.0 out of 10.0 in the final grade (weighted average) of the course. However, this grade will only be valid if the minimum requirements established for each of the assessable blocks have been met, as indicated in the learning guide. This means that, even if the weighted average is equal to or higher than 5.0, the subject will not be passed if any of the parts have not reached the minimum grade required.

In any case, it will be necessary to obtain a grade higher or equal to 5.0 in the final exam, so that it can be averaged with the rest of the evaluable activities that have been passed according to the criteria established in the learning guide.

Furthermore, in order to take the final exam, you must have attended at least 50% of the scheduled classes and activities, as established in the course guide. This requirement applies regardless of whether the absences are justified or not. If the percentage of absences exceeds this limit, they cannot be justified in any case and this will imply the impossibility of passing the subject in that call.

7.1.1 Theory

To pass the subject in the ordinary call, both the theoretical knowledge tests and the practical knowledge tests must have been passed, with a grade greater than or equal to 5 (out of 10), separated. The final average will not be done if both parts are not approved.

Mandatory requirements:

- The final theory exam will be done through a multiple-choice test at the end of the semester and may include questions aimed at the visual identification of images.
- This exam will consist of 40 multiple-choice questions (4 answers with only one correct answer). Correct answers will add 1-point, wrong answers will deduct 0.33 points and blank answers will score 0. There will be 3 reserve questions with the same conditions as the official ones.
- It is mandatory to answer 80% of the exam questions in order to pass the subject (32 answers).
- The date of the final exam will be scheduled from the beginning of the course.
- Oral activities are not recoverable, since they do not prevent the continuous evaluation of the theoretical part carried out by the student and they only suppose additional marks to the final grade of the subject.
- The written activities will be carried out only in a pre-sectoral way, requiring a minimum of 8 of the 12 exercises that will be carried out throughout the course (the student will be able to recover only 2 activities on the practice recover day in the ordinary call). If this criterion is not met, they will recover during the follow-up period.

7.1.2. Practices

The evaluation of the practices will be carried out periodically after each thematic block by means of rubrics.

To pass the section of the practices of the subject, it is necessary to obtain a 5 (out of 10).

Mandatory requirements:

- Attendance at practices is mandatory and those students who accumulate 3 or more ABSENCES (even if they are justified- JUSTIFICATION ONLY IN SPANISH AND/OR ENGLISH) will lose the score of their Practical Continuous Evaluation.
- The Simodont practice and the Simulated Hospital are recoverable through a written activity.
- The global note of practices must be higher or equal than 5 (approved). If one of the grades of the practices is 3 or less, it is mandatory to assist on the recovery practices date, regardless of the final average.
- If the student does not pass the practices, she/he will not be able to pass the subject. If the Theory is failed and not the Practices, or the opposite, only the approved part will be kept until the extraordinary call in July, and only the failed part must be examined. The note will not be saved from one course to another.
- Two evaluable practices/activities not carried out, whether justified or not, may be recovered in the recovery session established within the ordinary call. Three or more evaluable practices/activities not carried out, whether justified or not, may be recovered in the recovery session established in the extraordinary call (under teachers' assessment).
- However, if the reason for recovery is an overlap in day and time with an exam of another subject of the Degree in Dentistry, the recovery of the evaluable practice/activity will be carried out based on the availability of the subject.

7.2. Second exam period

In order to pass the course in the extraordinary call, you must obtain a grade higher or equal to 5.0 out of 10.0 in the final grade (weighted average) of the course.

In any case, it will be necessary to obtain a grade higher or equal to 5.0 in the final exam, so that it can be averaged with the rest of the evaluable activities.

The student must deliver the activities not successfully completed in the first exam period after having received the corresponding corrections from the professor, or those that were not delivered in the first place.

The Simodont and Simulated Hospital practice will be recoverable by a written activity.

Depending on the parts not passed in the ordinary exam, you will have to make up those that have not reached the minimum grade required:

- If you have not passed the theory exam, you will have to repeat this test in the extraordinary call.
- If you have not passed the practical part of the subject (practical exam), you will have to take it again, according to the indications of the course professors.
- If any of the continuous assessment activities (theoretical or practical) have not been passed or were not presented in the ordinary exam, you must complete them in person during the follow-up period, at the established times. These activities may coincide with the original ones or be replaced by others, at the discretion of the professors.

8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Assessable activities	Deadline
PRESENTATION-TEACHER	28 January
1 TOPIC-TEACHER	4 February
12-13 TOPIC -TEACHER	11 February
2-4 TOPIC- TEACHER	18 February
VIAJE A MARTE	25 February
3 TOPIC- TEACHER	4 March
14-15 TOPIC- TEACHER	11 March
16 TOPIC TEACHER	18 March
6 TOPIC- TEACHER	25 March
5 TOPIC TEACHER	1 April
9- TOPIC TEACHER	8 April
CLASS (EASTER HOLIDAY)	15 April
8- TOPIC TEACHERNO	22 April
7-10 TOPIC TEACHER	29 April
11- TOPIC- STUDENTS: GROUPAL ACTIVITY FACE TO FACE	6 May
ORAL ACTIVITIES (FACE TO FACE) STUDENTS	13 May
ORAL ACTIVITIES (FACE TO FACE) STUDENTS TUTORIALS	20 May

FINAL EXAM	No due date (May or June)
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This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any changes as and when appropriate.

9. BIBLIOGRAPHY

The recommended Bibliography is:

- Lozano De Luaces. V. Control de las infecciones cruzadas. Ed Avances Médico Dentales S.L. Madrid 2000.
- Manual de Odontología 2ª Edición Masson. Barcelona. 2008
- Dorland. Diccionario enciclopédico ilustrado de Medicina. ·30 º Ed. Elsevier España S.A. Madrid 2005
- Diccionario Terminológico de Ciencias Médicas 13ª Edición Ed Elsevier – Masson. Barcelona 1992
- Llena Puy C. Cuadernos de Clínica Dental nº2 Instrumental e Instrumentación en Odontología Conservadora y Endodoncia. Ediciones Especializadas Europeas S.A. Barcelona. 2009.
- Bartolomucci Boyd LR., Instrumental odontológico. Guía Práctica. 3ª Ed. Ed Elsevier Saunders. Barcelona 2009.
- Bascones A. Tratado de Odontología. Ed Smith Kline Beecham. Madrid 1998.

10. EDUCATIONAL GUIDANCE, DIVERSITY AND INCLUSION UNIT

From the Educational Guidance, Diversity and Inclusion Unit we offer support to our students throughout their university life to help them reach their academic achievements. Other main actions are the students' inclusions with specific educational needs, universal accessibility on the different campuses of the university and equal opportunities.

From this unit we offer to our students:

1. Accompaniment and follow-up by mean of counselling and personalized plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made in terms of methodology and assessment for those students with specific educational needs, pursuing an equal opportunity for all students.

3. We offer students different extracurricular resources to develop different competences that will encourage their personal and professional development.
4. Vocational guidance through the provision of tools and counselling to students with vocational doubts or who believe they have made a mistake in their choice of degree.

Students in need of educational support can write to us at:

orientacioneducativa@universidadeuropea.es

11. ONLINE SURVEYS

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the “surveys” section on virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.