

1. CORE OVERVIEW

Course Subject	Stomatological Prosthesis I
Graduate Degree	Bachelor's Degree in Dentistry
School/Faculty	Faculty of Biomedical and Health Sciences
Year	Third
ECTS	6 ECTS
Type	Compulsory
Language/s	English
Modality	On-campus Attendance
Semester	First term
Academic year	2025-2026
Coordinating teacher	José Manuel Tello

2. INTRODUCTION

The Subject aims to instruct the student in the knowledge of the stomatognathic apparatus of the totally edentulous patient. It describes the physiopathology of this patient, as well as the diagnostic procedures that guide us in the treatment planning by means of complete and implant retained prosthesis.

3. LEARNING OUTCOMES

Knowledge

CON01 Know the essential elements of the dental profession, including ethical principles and legal responsibilities.

CON02 Understand the importance of these principles for the benefit of the patient, society and the profession, with special attention to professional secrecy.

CON06 Understand the importance of maintaining and using patient information records for further analysis, preserving the confidentiality of the data.

CON09 To understand and recognise the structure and normal function of the stomatognathic apparatus, at molecular, cellular, tissue and organic levels, in the different stages of life.

CON10 Understand and recognise the science of biomaterials essential to dental practice, as well as the immediate management of potential allergies to them.

CON13 Understand the basis of action, indications and efficacy of drugs and other therapeutic interventions, knowing their contraindications, interactions, systemic effects and interactions on other organs, based on the available scientific evidence.

CON14 Understand and recognise the principles of ergonomics and safety at work (including cross-infection control, radiation protection, occupational and biological diseases).

CON17 Recognise the anatomy, pathophysiology and oral pathology of a simulated patient in a pre-clinical environment in order to carry out a diagnosis and rehabilitative or restorative treatment.

CON25 Know the clinical and laboratory diagnostic procedures and tests, know their reliability and diagnostic validity and be competent in the interpretation of their results.

CON27 To understand dental biomaterials: their handling, properties, indications, allergies, bio-compatibility, toxicity, waste disposal and environmental impact.

Subject-specific knowledge

- To know the anatomy, physiology and pathophysiology of the totally edentulous patient.
- Recognise the prognosis of the different cases and their therapeutic repercussions.
- Define the occlusal scheme in totally edentulous patients.
- To know the indications and clinical sequence of treatments with immediate complete prostheses.
- List the procedures performed in the laboratory.
- To know the indications and clinical sequence of treatments with overdentures on teeth and on implants

Skills

HAB07 Know how to perform a complete oral examination, including appropriate radiographic and complementary examination tests, as well as obtaining appropriate clinical references

HAB11 Know and apply the basic treatment of the most common oral and dental pathology in patients of all ages. Therapeutic procedures should be based on the concept of minimal invasion and on a global and integrated approach to oral treatment.

HAB12 Know how to plan and carry out multidisciplinary, sequential and integrated dental treatment of limited complexity for patients of all ages and conditions and for patients requiring special care.

HAB13 Propose and propose preventive measures appropriate to each clinical situation.

HAB16 Acquire pre-clinical experience under appropriate supervision in simulated environments.

HAB18 Know and use basic equipment and instrumentation for dental practice.

Subject-specific skills

- Perform the complete sequence of prosthetic treatment on a totally edentulous patient.
- Perform the laboratory phases of treatment with complete dentures

Competencies

CP02 Recognise oral normality and pathology, as well as the evaluation of semiological data.

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

CP15 Make diagnostic models, mount them and take inter-occlusal recordings.

CP16 Determine and identify the aesthetic requirements of the patient and the possibilities of satisfying their concerns.

CP45 Adapt to adverse, unexpected, stressful situations, whether personal or professional, overcoming them and even turning them into opportunities for positive change

4. CONTENTS

- Prosthesis in dentistry.
- Total edentulous patient
- Clinical history, concept of complete prosthesis.
- Impressions in complete prosthesis/disinfection. Formwork
- Plates and rollers.
- Upper roller registrations
- Vertical dimension and centric relation.
- Artificial teeth: selection, set-up and wax-up (online asynchronous).
- Try-in of the prosthetic model
- Laboratory technology.
- Reassembly
- Prosthesis facility.
- Immediate prosthesis and relining.
- Introduction of implants
- On denture on teeth and on implants

5.TEACHING-LEARNING METHODS

The following are the types of Teaching-Learning methods to be applied:

MD1 Masterclass.

MD2 Case study method.

MD8 Simulation environments.

6. LEARNING ACTIVITIES

The following are the types of Learning activities that will be carried out and the dedication in student hours to each one of them:

Learning activity	Number of hours
AF1 Masterclasses	26,5
AF3 Case studies analysis	4
AF8 Workshop and/or Laboratory activities	30
AF10 Self-study work	88
AF12 Face-to face assessment tests On-campus	1,5
TOTAL	150

7. ASSESSMENT

The following is a list of the Assessment systems, as well as their weight on the total grade of the course:

Assessment systems	Weight
SE1 On-campus Face-to face assessment tests	40%
SE4 Case/problem	20%
SE6 Performance Assessment	40%

In the Virtual Campus, when you access the course, you will be able to consult in detail the Assessment activities to be carried out, as well as the due dates and assessment procedures for each one of them.

7.1. Ordinary Exam period (First exam period)

In order to pass the course in Ordinary Exam period, 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 evaluable blocks (theoretical knowledge test, practical and case/problem) have been met, as indicated in this learning guide. This means that, even if the weighted average is equal to or higher than 5.0, the course will not be passed if any of the parts have not reached the minimum grade required.

Therefore, the theoretical knowledge test must be passed with a grade equal to or higher than 5 in Ordinary Exam period so that it can be averaged with the rest of the evaluable activities.

Likewise, 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 course in that call for entries.

The knowledge test by means of clinical case must be passed with a grade equal or higher than 5 in Ordinary Exam period so that it can be averaged with the rest of the evaluable activities.

The preclinical practices must be approved in Ordinary Exam period with a grade equal or higher than 5 and have attended all the evaluable practices as non-evaluable (feedback) so that the same can be averaged with the rest of the evaluable activities.

Students who have two absences or two failed practicals, either on the day of assessment or feedback, can make them up in the regular period at the end of the practicals on the assigned date (see Timeline in the online campus with dates).

The student who has more than two failed practicals, not delivered or due to absences either for Assessment or feedback must be recovered in the follow-up period of July with a grade equal or higher than 5.

7.2. Extraordinary exam period (Second exam period)

In order to pass the course in the Extraordinary exam period, a grade higher or equal to 5.0 out of 10.0 must be obtained in the final grade (weighted average) of the course.

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

Depending on the parts not passed in the Ordinary Exam period, those who have not reached the minimum grade required must be recovered:

- If you have not passed the theoretical exam, you must repeat this test in the Extraordinary exam period.
- If the practical part of the course has not been passed, it will be necessary to do it again, according to the teacher's indications.
- If any of the continuous Assessment activities (theoretical or practical) has not been passed or was not submitted in the Ordinary Exam period, it must be completed On-campus during the follow-up period, in the established schedules. These activities may coincide with the original ones or be substituted by others, according to the faculty's criteria.

8. TIMELINE

This section shows the Timeline with dates for the delivery of the Assessable activities of the course:

Assessable Activities	Date
Practical exam: PC iron and bottom roller	October 6, 7 and 10/2025
Practical exam: Cranio-maxillary transfer on PC (upper mounting on PC).	Oct 20, 21 and 24/2025
Practical exam: Cranio-mandibular transfer (lower mount).	Nov 3,4 and 7/2025
Practical exam: Individual implant tray fabrication (lower).	Nov 17,18 and 21/2025

Practical exam: Impression on implants for overdentures.	Dec 1,2 and 5/2025
Theoretical exam	Date to be confirmed
Clinical case exam	Date to be confirmed

This Timeline may be subject to modifications due to logistical reasons of the activities. Any modification will be notified to the student in due time and form.

9. BIBLIOGRAPHY

The following is a recommended bibliography:

Milano V, Desiate A. TOTAL PROSTHESIS - GNATHOLOGICAL ASPECTS. 2011.

Rahn AO, Ivanhoe JR, Plummer KD. Complete dentures. Médica Panamericana;; 2011.

Mallat Desplats E, Mallat Callis E. Removable partial dentures and overdentures. Elsevier;; 2004.

Koeck B. Complete dentures. Elsevier Masson;; 2007.

10. EDUCATIONAL ORIENTATION, DIVERSITY AND INCLUSION UNIT.

From the Educational Guidance, Diversity and Inclusion Unit (ODI) we offer accompaniment to our students throughout their university life to help them reach their academic achievements. Other pillars of our actions are the inclusion of students with specific educational support needs, universal accessibility in the different campuses of the university and equal opportunities.

This Unit offers students

1. Accompaniment and monitoring through counseling and personalized plans for students who need to improve their academic performance.
2. In the subject of attention to diversity, non-significant curricular adjustments are made, that is, at the level of Methodological and Assessment, in those students with specific educational support needs, thus pursuing equal opportunities for all students.
3. We offer students different extracurricular training resources to develop diverse Competencies that will enrich their personal and professional development.
4. Vocational guidance through the provision of tools and counseling to students with vocational doubts or who believe they have made a mistake in their choice of Degree.

Students who need educational support can write to us at:

orientacioneducativa@universidadeuropea.es

11. SATISFACTION SURVEYS

Your opinion matters!

Universidad Europea encourages you to participate in the Satisfaction Surveys to detect strengths and areas for improvement about the faculty, the Qualification and the teaching-learning process.

The surveys will be available in the survey area of your online campus or through your email.

Your feedback is necessary to improve the quality of the Degree.

Thank you very much for your participation.

