

REQUIREMENTS

Semmelweis University Faculty of Dentistry Department of Prosthodontics
Name of the course: Odontotechnology and Prosthodontics Pre-clinical II. Credit value: 4 Lessons (<i>in hours</i>): lectures: 1 * 45 min practicals: 3 * 45 min seminars: - Type of the course: <u>compulsory</u> Frequency of announcement (<i>per semester or year</i>): year
Academic year: 2021/2022 II. Semester
Subject code¹: FOKOFFPK348_2A
Lecturer of the course: Semmelweis University Faculty of Dentistry Department of Prosthodontics Dr. Barbara Kispélyi, Associate Professor Contact: kispelyi.barbara@dent.semmelweis-univ.hu Opening hours of the Secretariat: Monday: 8:00 – 12:00 Tuesday: 8:00 – 12:00 Wednesday: 8:00 – 12:00 Thursday: 8:00 – 12:00 Friday: Closed Students are welcomed only in the office hours. Please be aware of it!
The goals of the course in point of view of the education: Principal aim of this course is to provide the students with a professional preclinical theoretical and manual exercise, used in the prosthodontics treatment procedures. It consists of the simulation of the clinical and technological stages on phantom heads.
Location of the course (<i>address of lecture hall, seminar room etc.</i>): Lecture: Department of Oro-Maxillofacial Surgery and Stomatology (1085 Budapest, Mária street 52.) Practice: Dr. Földvári Imre Laboratory (1088 Budapest, Szentkirályi street 47. 2nd floor)
Competences acquired by completion of the course: Understanding the labside and chairside steps of making fixed retained-, and implant-retained prosthodontics- at the propaedeutic level.
Pre-study requirements and prerequisites of course registration and completion: Macroscopic anatomy II., Odontotechnology and Prosthodontics Pre-clinical I.
Number of students required for announcement of course (<i>min., max.</i>): In accordance with the number of 2 nd year students.
Method of course registration: Neptun system

Detailed course/lecture description²: (to facilitate credit recognition in other institutions)

Topic of the lectures:

Lectures:

1. Types of the fixed dental restorations
2. Labside and chairside steps of making fixed appliances
3. Fundamentals of tooth preparation, periodontal aspects
4. Impression taking for fix appliances, sectional models, and dies
5. Fabrication of wax pattern, casting of fix appliances, trial of the metal framework of the fix appliances
6. Dowel core restorations
7. Tooth Shade Determination
8. Temporary Dental Restorations
9. Veneering of fixed appliances
10. Metal free fixed restoration, CAD/CAM technology
11. History of implant dentures, labside and chairside steps
12. Explanation of different kind of implant systems. Impression methods of implant cases
13. Dental cements
14. Consultation

Practical sessions:

1. Handing out of the instruments, introduction
2. Tooth preparation 24 and 27 for fixed partial denture
3. Tooth preparation 24 and 27 for fixed partial denture
4. Tooth preparation 24 and 27 for fixed partial denture
5. Tooth preparation 24 and 27 for fixed partial denture
6. Two-phase impression
7. Antagonistic impression, bite-registration
8. Preparation of the sectional model, mounting of the average value articulator
9. Waxing up of the four-unit bridge: Adapta deep drawing
10. Wax pattern fabrication of the four-unit bridge: outlining and shaping of the occlusal surface
11. Wax pattern fabrication of the four-unit bridge
12. Spruing of the wax pattern, preparation for investing
13. Wax pattern fabrication for a four unit porcelain fused to metal four unit bridge
14. Instrument collection, consultation

Courses (*obligatory and elective*) which in part or entirely overlap the topics of above course:

General Dental Materials

Odontotechnology and Prosthodontics Preclinical Course I, III.

Prosthodontics I – V.

Clinical Dentistry I – II.

Gnathology

Special academic work required for completion of the course³:

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Attendance on practices and lectures, replacement in case of missed sessions:

The attendance at the weekly practices is obligatory.

No more than 25% of the practices are allowed to be missed for any reason – not even with a doctor's note – otherwise the semester will not be accepted.

Doctor's notes can only be accepted after an individual. The medical notes will be sent back to the supervisory section of the issuing medical institutions for verification.

A student is considered to be late from the practices if he/she arrives no more than 15 minutes later than the time set by the timetable. These late arrivals are marked in the attendance sheet and if someone is late three times within a semester, it will be considered an absence. However, if someone is more than 15 minutes late from the practice, it will be already registered as an absence, but the student will be allowed to attend the practice.

The use of cell phones during the practices is forbidden. If the student uses his / her mobile phone despite the warning of his / her instructor, he / she will be not allowed to continue the practice and will have to leave the room immediately. This is considered as an absence, which is included in the number of absences allowed during the semester (maximum 3). During the practices, students can use tablets, notebooks, and small laptops to take notes.

Students must arrive for the lectures on time, otherwise they will disturb the lecturer and the audience. Missed lectures and practical sessions may not be replaced.

Consequences of absence from sessions and exams:

The attendance at the weekly practices is obligatory.

No more than -5% of the practices are allowed to be missed for any reason – not even with a doctor's note – otherwise the semester will not be accepted.

Doctor's notes can only be accepted after an individual. The medical notes will be sent back to the supervisory section of the issuing medical institutions for verification.

In case of absence from the exam the rules of the Studies and Examination Regulation (TVSZ) are applied.

Method of checking acquired knowledge during the study period⁴:

Compulsory written tests are carried out at least three-times in the semester, satisfactory grades can be given in case of a result of at least 50% or above.

Midterms will be held in the 5th and 10th weeks. Retaking the midterms (or in case of no show, supplementing) is possible twice during the semester. Openings for retaking will be given in the 11th, 12th and 13th weeks.

Grading of the tests:

- 1: - 49%
- 2: 50% - 63%
- 3: 64% - 76%
- 4: 77% - 89%
- 5: 90% - 100%

In case of an unsuccessful test, there are two possibilities to repeat.

Students get individual grades for the clinical and the laboratory stages. Students get practical grades at the end of the semester. The practical grade is considered unsatisfactory if the average of the test grades and the average of the grades from the clinical and laboratory stages are not over 2,0. If a midterm was taken unsuccessfully, the signature at the end of the semester can not be given. Failed demonstration means, that a student receives an unsatisfactory evaluation for a demonstration (midterm exam) written in a particular topic despite the two retakes.

In case the student fails to pass even one of the demonstrations (midterm exams) during the semester even with the retakes, the student may not receive an end-of-semester signature from the department.

Requirements of an accepted semester (*signature of the lecturer*):

The practical grade is considered unsatisfactory if the average of the test grades and the average of the grades from the clinical and laboratory stages are not over 2,0. If a midterm was taken unsuccessfully, the signature at the end of the semester can not be given. In case of an unsatisfactory practical grade (1), the semester will not be accepted. Failed demonstration means, that a student receives an unsatisfactory evaluation for a demonstration (midterm exam) written in a particular topic despite the two retakes.

In case the student fails to pass even one of the demonstrations (midterm exams) during the semester

even with the retakes, the student may not receive an end-of- semester signature from the department.

No more than 25% of the practices are allowed to be missed for any reason – not even with a doctor's note – otherwise the semester will not be accepted.

Type of the exam:

no exam

Requirements of the exam⁵:

no exam

Grading of courses⁶:

The practical grade is considered unsatisfactory if the average of the test grades and the average of the grades from the clinical and laboratory stages are not over 2,0. In case of an unsatisfactory practical grade (1), the semester will not be accepted.

Exam registration:

no exam

Rules of repeating exams:

no exam

List of textbooks, lecture notes and recommended textbooks:

Textbooks:

Herbert T. Shillingburg: Fundamentals of Fixed Prosthodontics (Quintessence 4th 1997.),

R. M. Basker, J. C. Davenport, J.: Prosthetic Treatment of the Edentulous Patient 5th (MCMillan Press Ltd.)

Recommended textbooks:

Hermann Péter, Szentpétery András: Gnatológia (Semmelweis Kiadó, 2018)

Other study aids:

web: semmelweis.hu/fogpotlastan topic of the lectures and practices

Signature of course lecturer:

Signature of head of department:

Date of submission: January 31, 2022

Opinion of OKB:

Notes from the Dean's Office:

Signature of Dean:



¹ Filled out by the Dean's Office following approval

² Detailed and numbered for each week of theoretical and practical lessons one by one, indicating the names of lecturers and instructors

³ Eg. field practice, medical chart analysis, survey conducting, etc.

⁴ Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement.

⁵ List of topics in case of theoretical exam, thematic and method in case of practical exam.

⁶ Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments.