

COURSE SYLLABUS

Semmelweis University Faculty of Dentistry, Dentistry

Name of the course: Clinical Dentistry I.

Credit value: 2

Lessons (in hours in the whole semester): 5 from this, lectures: 0 practicals: 5 x 45 min seminars: 0

Type of the course: compulsory

Semester in which it is announced according to the curriculum: autumn

Frequency of announcement (per semester or year): year

The responsible educational and research organizational unit for teaching the subject: Department of Prosthodontics

Academic year: 2025/2026 I. semester

Subject (Neptun) code: FOKOFPK313_1A

Lecturer of the course:

Prof. Dr. Peter HERMANN, Professor

Academic position: Director of Department of Prosthodontics

Contact:

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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 and place of the course in regards to the education of dental students:

The aim of the practice is to teach the sequence of the dental treatment like operative dentistry and endodontics, prosthodontics in the same patient. To teach the theoretical background and practical knowledge of operative dentistry and endodontics, prosthodontics. To teach how to integrate these two disciplines in treating one patient.

Location of the course (address of lecture hall, seminar room etc.):

Room 111, 113, 114, 212, 214, 215 (1088 Budapest, Szentkirályi street 47. 1st and 2nd floor)

Competences acquired by completion of the course:

The aim of the practice is to teach the sequence of the dental treatment like operative dentistry and endodontics, prosthodontics in the same patient. To teach the theoretical background and practical knowledge of operative dentistry and endodontics, prosthodontics. To teach how to integrate these two disciplines in treating one patient. Acquisition of theoretical and practical knowledge for the preparation of fix implant retained restorations.

Pre-study requirements and prerequisites of course registration and completion, in case of a multi-semester subject, the standpoint of the educational-research unit on the concurrent subject registration and on the requirements of permission thereof:
Restorative Dentistry and Endodontics III., Prosthodontics III.

Concurrent subject registration is not possible.

Number of students required for announcement of course (min., max.), method of selection:

In accordance with the number of 5th year students.

Method of course registration:

Neptun system

Detailed course/lecture description¹: *(to facilitate credit recognition in other institutions)*

The aim of the practice is to make fillings, root canal treatments, inlays, fixed and removable prosthodontics, for the patients of the clinic.

Courses (compulsory and obligatory 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 II.

Gnathology

The application of artificial intelligence in teaching of the course:

The use of artificial intelligence is not allowed during the practices, demonstrations and exams. The use of artificial intelligence in the dental machine/devices used for patient care is allowed. Artificial intelligence may be used to assist students' preparation/learning.

Special academic work required for completion of the course²:

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

Students must attend the weekly practices.

No more than a 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. (Unless the patient is photographed.) 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. During the practices, students can use tablets, notebooks, and small laptops to take notes.

Handling the photo documentation, patient rights and data protection rules must be strictly adhered to. Photo documentation can only be used for the case reports on the final exam.

There is no possibility to replace the practices.

Method of checking acquired knowledge during the study period³:

During the semester the students will get grades for oral reports or written tests. This consists of questions about the curriculum, the knowledge of the lectures and practical sessions. Compulsory written tests are carried out two-times in the semester, satisfactory grades can be given in case of a result of at least 50% or above. Written tests are carried out on the practice, the students will get the information about the exact time of the test on the first week of the semester.

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.

Written test will be held in the 1st week, and midterm will be held in the 7th week. Retaking the written test and the midterm (or in case of no show, supplementing) is possible twice during the semester. Replacement/correction of the written test would be passed in the 2nd and 3rd weeks. Replacement/correction of the midterm would be passed in the 9th and 11th weeks.

At the end of the semester, students get practical mark. Students get the practical mark from the valuation of their theoretical and practical work, such as behavior and attitude during the practices.

Practical mark is considered unsatisfactory if the average of the partial practical grades are not over a 2,0 average.

In case of an unsatisfactory practical mark, the signature at the end of the semester will be refused.

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 one of the partial practical grades of the demonstration is unsatisfactory after the replacement/correction, the signature at the end of the semester will be refused.

The evaluation is graded as "failed" if the student did not participate in even one of the demonstrations and did not make up for it in the substitute opportunities, or if the student's absence from the exercises exceeds the permitted 25%.

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

At the end of the semester, students get practical mark. Students get the practical mark from the valuation of their theoretical and practical work, such as behavior and attitude during the practices.

Practical mark is considered unsatisfactory if the average of the partial practical grades are not over a 2,0 average.

In case of an unsatisfactory practical mark, the signature at the end of the semester will be refused.

In case one of the partial practical grades of the demonstration is unsatisfactory after the replacement/correction, the signature at the end of the semester will be refused.

No more than a 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 exam³:

no exam

Grading of courses⁴. The possibility and requirements of an offered grade:

At the end of the semester, students get practical mark. Students get the practical mark from the valuation of their theoretical and practical work, such as behavior and attitude during the practices.

Practical mark is considered unsatisfactory if the average of the partial practical grades are not over a 2,0 average.

In case of an unsatisfactory practical mark, the signature at the end of the semester will be refused.

No offered grade.

Exam registration:

no exam

Rules of repeating exams:

no exam

List of textbooks, lecture notes and recommended textbooks, online material:**Textbooks:**

1, Stefan Wolfart: Implant Prosthodontics, A Patient-Oriented Strategy, Quintessence Publishing, 1st ed.2016.

2, Cortellini S, Favril C, De Nutte M, Teughels W, Quirynen M. Patient compliance as a risk factor for the

outcome of implant treatment. Periodontol 2000. 2019 Oct;81(1):209-225. doi: 10.1111/prd.12293. PMID: 31407429.

3, Heitz-Mayfield LJA, Heitz F, Lang NP. Implant Disease Risk Assessment IDRA-a tool for preventing peri-implant disease. Clin Oral Implants Res. 2020 Apr;31(4):397-403. doi: 10.1111/clr.13585. Epub 2020 Feb 20. PMID: 32003037.

4, McCracken's Removable Partial Prosthodontics (10/e) Glen P. McGivney-Alan B. Carr. Hardback Mosby, 1999.

5, Schilllinburg et al.: Fundamentals of Fixed Prosthodontics. Quintessence 4th ed. 1997.

6, R.M.Basker-J.C.Davenport: Prosthetic Treatment of the Edentulous Patient. 5th ed. McMillan Press Ltd.

7, C.M.Sturdevant: Operative Dentistry. Mosby.

8, Walton: Principles and Practice of Endodontics.

Lecture notes

Recommended textbooks:

1, M. Fradeani, G. Barducci: Esthetic Rehabilitation in Fixed Prosthodontics (Prosthetic Treatment. A systemic approach to esthetic, biologic and functional integration) (Quintessence Books 2008.)

2, Neil-Nairne: Complete Denture Prosthetics. Wright.

3, Neil-Walter: Partial Dentures.

4, Nikiforuk: Understanding Dental Caries.(1-2) Karger.

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

6, Fogpótlástan I-II. Szerk.: Hermann Péter és Kispélyi Barbara (Semmelweis Kiadó, 2022)

Other study aids:

Moodle

On the website of the Semmelweis University: semmelweis.hu/fogpotlastan

Topic of the practices and seminars

Signature of course lecturer:

Signature of head of department:

Date of submission: September 1. 2025

Opinion of OKB:

Notes from the Dean's Office:

Signature of Dean:

¹ Detailed and numbered for each week of theoretical and practical lessons one by one. In an annex, cannot be attached appendix!

² Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement

³ List of topics in case of theoretical exam, thematic and method in case of practical exam

⁴ Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments.