

## REQUIREMENTS

<b>Semmelweis University Faculty of Dentistry Department of Prosthodontics</b>
<b>Name of the course:</b> Dental Laboratory Practice <b>Credit value:</b> 1 <b>Lessons (<i>in hours</i>):</b> 60 <b>lectures:</b> 0 <b><u>practicals: 60 hours for two weeks</u></b> <b>seminars:</b> 0 <b>Type of the course:</b> <u>compulsory</u> <b>Frequency of announcement (<i>per semester or year</i>):</b> year
<b>Academic year:</b> 2024/2025 II. Semester
<b>Subject code<sup>1</sup>:</b> FOKOODO405_1A
<b>Lecturer of the course:</b> Semmelweis University Faculty of Dentistry Department of Prosthodontics Dr. Barbara Kispélyi, Associate Professor, Vice-Director of Department of Prosthodontics  <b>Contact:</b> <a href="mailto:kispelyi.barbara@semmelweis.hu">kispelyi.barbara@semmelweis.hu</a>  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!
<b>The goals of the course in point of view of the education:</b> The goal of the summer practice is the introduction in the basics odontotechnology, the teaching of the theoretical and practical fundamentals of laboratory work, as well as the improvement of manual skills. As part of the summer practice the students also visit an outside dental laboratory, where they will obtain basic knowledge considering the laboratory working phases of fixed and removable dental appliances.
<b>Location of the course (<i>address of lecture hall, seminar room etc.</i>):</b> Dr. Földvári Imre Laboratory (1088 Budapest, Szentkirályi street 47. 2nd floor)
<b>Competences acquired by completion of the course:</b> Learning basic practical and theoretical knowledge of odontotechnology. Improving hand dexterity.
<b>Pre-study requirements and prerequisites of course registration and completion:</b> General Dental Materials Macroscopic anatomy and embryology II
<b>Number of students required for announcement of course (<i>min., max.</i>):</b> In accordance with the number of 1 <sup>st</sup> year students.
<b>Method of course registration:</b> Neptun system

**Detailed course/lecture description<sup>2</sup>:** (to facilitate credit recognition in other institutions)

**Topics of the practical sessions:**

1. week: visiting of a dental laboratory
  - Introduction of the laboratory, of its structure. Demonstration of the cast making, metall casting and porcelain veneering.
  - Getting acquainted with the making of fixed and removable dental appliances.
  - Presentation of a specific odontotechnological workphase, as a group assignment (8 minute ppt presentation).
2. week:
  - Introduction to the training laboratory, handing out of the instruments, demonstration of the instruments
  - Cast making
  - Wax pattern making of an incisor and a praemolar tooth.
  - Waxing up of an occlusal surface.
  - Artificial teeth

**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.

**Special academic work required for completion of the course<sup>3</sup>:**

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

Students must attend at the 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 practice 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.

No extra sessions will be provided for missed sessions

**Consequences of absence from sessions and exams:**

Students must attend at the 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.

No extra sessions will be provided for missed sessions

**Method of checking acquired knowledge during the study period<sup>4</sup>:**

No written or oral midterms for this course.

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

Presentation of a specific odontotechnological workphase, as a group assignment (8 minute ppt presentation).

No more than a 25% of the practices are allowed to be missed for any reason – not even with a doctor's note.
<b>Type of the exam:</b> practical grade (on a scale of three)
<b>Requirements of the exam<sup>5</sup>:</b> practical grade (on a scale of three)
<b>Grading of courses<sup>6</sup>:</b> practical grade (on a scale of three)
<b>Exam registration:</b> no exam
<b>Rules of repeating exams:</b> no exam
<b>List of textbooks, lecture notes and recommended textbooks:</b> <b><u>Textbooks:</u></b> Herbert T. Shillingburg: Fundamentals of Fixed Prosthodontics (Quintessence 4 <sup>th</sup> ed. 1997.) R. M. Basker, J. C. Davenport, J.: Prosthetic Treatment of the Edentulous Patient 5 <sup>th</sup> (MCMillan Press Ltd.) <b><u>Recommended textbooks:</u></b> Hermann Péter, Szentpétery András: Gnatológia (Semmelweis Kiadó, 2018)
<b>Signature of course lecturer:</b>
<b>Signature of head of department:</b>
<b>Date of submission:</b> February 10, 2025
<b>Opinion of OKB:</b>
<b>Notes from the Dean's Office:</b>
<b>Signature of Dean:</b>

<sup>1</sup> Filled out by the Dean's Office following approval

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

<sup>3</sup> Eg. field practice, medical chart analysis, survey conducting, etc.

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

<sup>5</sup> List of topics in case of theoretical exam, thematic and method in case of practical exam.

<sup>6</sup> Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments.