

## COURSE SYLLABUS

<p><b>Semmelweis University, Faculty of Dentistry, Doctor of Medicine in Dentistry Program</b></p>
<p><b>Name of the course in Hungarian:</b> Klinikai fogászat II. <b>In English<sup>1</sup>:</b> Clinical Dentistry II. <b>In German<sup>1</sup>:</b> Klinische Zahnheilkunde II. <b>Credits:</b> 2 <b>Number of hours:</b> 60 of which lectures: 0, practicals: 12 x 5 seminars: 0 <b>Course type:</b> <u>compulsory</u> compulsory elective elective <b>Semester in which the course is offered, according to the curriculum:</b> 10<sup>th</sup> semester <b>Frequency of announcement:</b> per year <b>The educational research unit teaching the course:</b> Department of Restorative Dentistry and Endodontics</p>
<p><b>Academic year:</b> 2025/2026 II. semester</p>
<p><b>Neptun code of the course:</b> FOKOKFK313_2A</p>
<p><b>Course coordinator:</b> Prof. Dr. Zsolt M. LOHINAI <b>Position:</b> university professor <b>Workplace, contact:</b> Semmelweis University, Faculty of Dentistry, Department of Restorative Dentistry and Endodontics, 1088 Budapest, Szentkirályi u. 47. Phone: +36-1-317-1598 E-mail: lohinai.zsolt@semmelweis.hu</p>
<p><b>Course objectives and role within the Dental Curriculum:</b> This course aims to enable the student to use multidisciplinary knowledge, plan and carry out complex treatments according to the patient's diagnosis, with particular regard to the subject of restorative dentistry and endodontics, as well as prosthodontics, under the supervision of the instructors of these two scientific fields.</p>
<p><b>Location of instruction (lecture hall, seminar room, etc.):</b> Semmelweis University, Dental Faculty, Education Center, Department of Restorative Dentistry and Endodontics, 1088 Budapest, Szentkirályi u. 47.</p>
<p><b>Competencies acquired upon successful completion of the course:</b> The provisions of EMMI Regulation 18/2016</p>
<p><b>Prerequisites and eligibility requirements for enrollment and completion, in the case of a multiple-semester course, is continuous enrollment ("course rollover") allowed, and if so, under what conditions:</b></p> <ul style="list-style-type: none"><li>- Prosthodontics IV.</li><li>- Restorative dentistry and endodontics IV.</li></ul>

<ul style="list-style-type: none"> <li>- Clinical dentistry I.</li> </ul> <p>Concurrent subject registration is not possible.</p>
<p><b>Enrollment requirements: minimum and maximum number of students, and selection criteria:</b></p> <p>In accordance with the number of 5<sup>th</sup> year students</p>
<p><b>How to apply for the course:</b> Neptun system</p>
<p><b>Detailed course content<sup>2</sup>:</b></p> <p>There are no lectures held on the subject of clinical dentistry. Practicals begin with a mandatory consultation on a weekly basis in which the previously taught theoretical course material of the subject restorative dentistry, endodontics, and dental prosthodontics is repeated in weekly shifts.</p> <p><b>Material of the semester:</b></p> <p>Complex cares for patients coming to the Dental Education Center of Semmelweis University, particularly regarding restorative dentistry, endodontics, and prosthodontics. If necessary, planning the appropriate treatment plan and performing tasks at partnered clinics and departments. Practicing the basics of all these in theoretical consultations, planning dental restorations, restorative dentistry, and endodontics and their consultations in a council-like manner.</p>
<p><b>Related courses covering overlapping or interdisciplinary topics (including both compulsory and elective courses) with possible overlapping areas of the course curriculum:</b></p> <ul style="list-style-type: none"> <li>- General Dental Materials</li> <li>- Preventive Dentistry</li> <li>- Restorative dentistry, pre-clinical I-II.</li> <li>- Endodontics, pre-clinical</li> <li>- Restorative dentistry and endodontics I-V.</li> <li>- Clinical dentistry I.</li> </ul>
<p><b>The application of artificial intelligence in teaching of the course:</b></p> <p>The education is primarily based on seminars, recommended textbooks and practical training materials. The student may use artificial intelligence during the education but must consult with his/her practical supervisor about the authenticity of the information received.</p>
<p><b>Specific academic requirements for successful course completion<sup>3</sup>:</b></p> <p>-</p>
<p><b>Attendance requirements and make-up policy:</b></p> <p>Attendance of the practices is compulsory; absences may not exceed 25% out of the total number of practices being held during the semester. If a practice is scheduled on a national</p>

<p>holiday, it will not be held or replaced. Consequently, the total number of practices in the particular semester is decreased, and the 25% is calculated from the decreased number. One absence will be recorded after three instances of arriving late; a student is considered to be late if he/she arrives in under 15 minutes of the time stated in the timetable. A delay of more than 15 minutes from practice is considered absent. It is important to note that missed practices cannot be made up regardless of whether it was a late arrival or an absence. In the event of an absence, no certificate or proof is required.</p>
<p><b>Methods of assessment during the study period<sup>4</sup>:</b></p> <p>Students must come to the exercises prepared. The students are regularly checked and evaluated verbally and/or in writing by the instructor in the practice at all times. The results of the theoretical and practical assessments are included in the end-of-semester grade.</p>
<p><b>Requirements for semester completion and signature:</b></p> <p>A minimum of 75% attendance at the exercises is required; absences may not exceed 25% of the exercises under any circumstances (see <b>Requirements for participation in the sessions and the possibility of making up for absences</b>).</p> <p>For the signature of the semester, a sufficient level of continuous and consistent theoretical preparation in practice and a sufficient level of practical performance are required. The average of the theoretical and practical grades must reach 2.0 average.</p>
<p><b>Type of examination:</b></p> <p>Practice mark</p>
<p><b>Examination requirements<sup>5</sup>:</b></p> <p>-</p>
<p><b>Grading method and type<sup>6</sup>, the option for grade offer and its conditions:</b></p> <p>The practical mark has five levels. The grade is determined by the supervisor based on the oral and/or written theoretical performance, the practical performance, the submitted case reports and taking into consideration the student's attitude towards the subject, peers &amp; patients.</p> <p>The average of the theoretical and practical grades must reach separately a minimum of 2.0.</p> <p>Practical mark is considered unsatisfactory if the average of the levels of grade are not over a 2.0 average.</p> <p>In the event of an unsatisfactory practical mark, the signature at the end of the semester will be refused.</p> <p>No offered grade.</p>
<p><b>Examination registration procedure: -</b></p>
<p><b>Rules for examination retake:</b></p>

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<p><b>Recommended printed, electronic, and online study materials, textbooks, and references (include URLs for online materials):</b></p> <p><b>Textbooks:</b></p> <ol style="list-style-type: none"> <li>1. Fazekas Á (ed.): Restorative dentistry and endodontics. Budapest, Semmelweis Publishing House, 2006.</li> </ol> <p><b>Recommended literature:</b></p> <ol style="list-style-type: none"> <li>1. Ritter AV, Boushell LW, Walter R: Sturdevant's Art and Science of Operative Dentistry. 7<sup>th</sup> ed. St. Louis, Mosby, 2018.</li> <li>2. Stock CJR, Nehammer CF: Practical Endodontics. 2nd edition, Budapest, Medicina, 2006</li> <li>3. Torabinejad M, Walton RE, Fouad AF: Endodontics. Principles and Practice. 5th ed. St. Louis, Missouri, Saunders/Elsevier 2014</li> <li>4. Hargreaves KM, Berman LH: Cohen's Pathways of the Pulp. 11th ed. St. Louis, Missouri, Mosby/Elsevier 2015</li> </ol>
<p><b>Signature of course lecturer (course coordinator):</b> Prof. Dr. Zsolt M. LOHINAI</p>
<p><b>Signature of the head of coordinating department:</b>  Prof. Dr. János VÁG  Head of Department of Restorative Dentistry and Endodontics</p>
<p><b>Date of submission:</b> 2025.08.27.</p>

<b>Opinion of the Committee on Education and Credit Transfer:</b>
<b>Notes from the Dean's Office:</b>
<b>Signature of Dean:</b>

<sup>1</sup> This section must be completed only if the course is offered in the given foreign language.

<sup>2</sup> Theoretical and practical instruction must be listed separately, broken down by hours (weeks) and numbered accordingly. Attachments are not permitted.

<sup>3</sup> E.g., fieldwork, case report analysis, conducting a survey, etc.

<sup>4</sup> E.g., homework, in-class presentations, midterm tests. Please specify topics and dates, as well as possibilities for make-up and retake.

<sup>5</sup> For a theoretical exam, please include the list of exam topics, for a practical exam, specify the scope and format of the examination.

<sup>6</sup> Description of how the theoretical and practical exams are weighted in the final grade. Description of midterm assessments contribute to the final grade.