

COURSE SYLLABUS

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| Semmelweis University, Faculty of Dentistry, Doctor of Medicine in Dentistry Program |
| Name of the course in Hungarian: Konvencionális töméskészítési technikák In English¹: Conventional filling techniques In German¹: Konventionelle Füllungstechniken Credit value: 1 Lessons (in hours in the whole semester): 14 from this, lectures: - practicals: 8 seminars: 6 Type of the course: compulsory obligatory elective <u>elective</u> Semester in which it is announced according to the curriculum: 10th semester Frequency of announcement (per semester or year): per year The responsible educational and research organizational unit for teaching the subject: Department of Restorative Dentistry and Endodontics, Semmelweis University |
| Academic year: 2025/26 2nd semester-in an ascending system |
| Subject (Neptun) code: FOSVKFK403_1A |
| Course coordinator: Beáta KERÉMI DMD, PhD Position: Associate Professor Contact: H-1088 Budapest, Szentkirályi utca 47. Phone: +36 1-317-1598 e-mail: helyreallito.fogaszat@semmelweis.hu |
| Course objectives and role within the Dental Curriculum: This course aims to complete the knowledge of restorative dentistry with the use of dental amalgam for those foreign students, who will work with amalgam during their job. The goal is to provide all the clinical and theoretical knowledge about dental amalgam, which is not the part of the compulsory curriculum anymore owing to the current european amalgam regulation. |
| Location of instruction (lecture hall, seminar room, etc.): Dental Clinical and Training Centre, Pre-clinical laboratories, H-1088 Budapest, Szentkirályi street 47. |
| Competencies acquired upon successful completion of the course: During the lectures the students will learn about: <ul style="list-style-type: none">• Details and features of dental amalgam and its use• Rules of cavity preparations for dental amalgam• Amalgam filling fabrication• Up to date regulations and considerations of the use of dental amalgam |
| 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: |

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| Restorative Dentistry and Endodontics IV. |
| Enrollment requirements: minimum and maximum number of students, and selection criteria: Min. 3 – max 12 students, in order of application – we will open a waiting list in Neptun |
| How to apply for the course: In the Neptun system |
| Detailed course content²: List of lectures: (1-1 hour) <ul style="list-style-type: none"> • The main characteristics of amalgam as a dental material • The design rule of the different cavity preparations for dental amalgam • Steps of amalgam filling fabrication • Final steps of amalgam filling fabrication, finishing and polishing • Removal of amalgam filling • Up to date regulations and considerations of the use of dental amalgam List of practical tasks: <ul style="list-style-type: none"> • Class I., II. and V. cavity preparations (3 hours) • Use of lining materials (1 hour) • Amalgam filling fabrication into Class I., II. and V. cavities (3 hours) • Finishing and polishing of fillings (1 hour) |
| Related courses covering overlapping or interdisciplinary topics (including both compulsory and elective courses) with possible overlapping areas of the course curriculum: --- |
| The application of artificial intelligence in teaching of the course: The course is primarily based on textbooks, lectures, seminars, and practical exercises. Students may use artificial intelligence (ChatGPT) during the course, but they must consult with their instructor regarding the reliability of the information obtained. |
| Specific academic requirements for successful course completion³: --- |
| Attendance requirements and make-up policy: Attendance at the course is minimum 75%. Replacement cannot be provided. |
| Methods of assessment during the study period⁴: Practical tasks will be monitored continuously and relayed to the students |
| Requirements for semester completion and signature: Attendance at the course is minimum 75%. For the signature of the semester is required to complete the practical tasks successfully. |
| Type of examination: No exam, signature and practical grade |
| Examination requirements⁵: |

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| No exam, signature and practical grade |
| Grading method and type⁶, the option for grade offer and its conditions: 3 grades: excellent, satisfactory, unsatisfactory |
| Examination registration procedure: --- |
| Rules for examination retake: --- |
| Recommended printed, electronic, and online study materials, textbooks, and references (include URLs for online materials): 1. Ritter AV, Boushell LW, Walter R: Sturdevant's Art and Science of Operative Dentistry. 7th ed. St. Louis, Mosby, 2018. 2. Teaching materials uploaded to the Moodle site |
| Signature of course lecturer (course coordinator): Dr. Beáta Kerémi |
| Signature of the head of coordinating department: Prof. Dr. János Vág |
| Date of submission: 2025.08.27. |
| Opinion of the Committee on Education and Credit Transfer: |
| Notes from the Dean's Office: |
| Signature of Dean: |

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

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

³ E.g., fieldwork, case report analysis, conducting a survey, etc.

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

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

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