



REQUIREMENTS

Semmelweis University Faculty of Dentistry
Department of Paediatric Dentistry and Orthodontics
Name of the course: Orthodontic Propedeutics
Credit value: 1
Lessons (<i>in hours</i>): 14 lectures: 0 practicals: 14 (7 x 2 hours) seminars: -
Type of the course: <u>compulsory</u> obligatory elective elective preclinical faculty, practice
Frequency of announcement (<i>per semester or year</i>): every second semester, 8. semester
Academic year: 2025-2026
Subject code¹: FOKOGFK257_1A
Lecturer of the course: Assoc. Prof. Dr. Kaán László Miklós, MSc, PhD Adress: SE FOK Oktatási Centrum, 1088 Bp., Szentkirályi St. 47. Contact: +36-1-318-7187, 06-1-459-1500 / 59270 Email: kaan.miklos@semmelweis.hu
The goals of the course in point of view of the education: Preparation of the students for the practical tasks of the orthodontic treatments with priorities accorded to the development of the manual skills. According to the detailed syllabus the purpose of the practices is to introduce the different groups of orthodontic appliances on casts and with multimedia methods. Students have to be able to activate the appliances and bend archwires. Brackets have to be bonded on models. Individual phantom practices on typodonts. Students perform their practices under the supervision of tutors. The different orthodontic appliances are reviewed. The operation of the appliances and the completion of the components can be acquired on the practices.
Location of the course (<i>address of lecture hall, seminar room etc.</i>): Dental Training Centre: SE FOK Oktatási Centrum, 1088, Bp., Szentkirályi St. 47.: <ul style="list-style-type: none"> Practices in the Sugar Laboratory (1th floor), Szentkirályi St. 47.
Competences acquired by completion of the course: Practical skills, bending wires, loops, bonding brackets, setting ligatures
Pre-study requirements and prerequisites of course registration and completion: General and Dental Radiology I.
Number of students required for announcement of course (<i>min., max.</i>): Compulsory for all 4 th year students, Clinical practices in groups of six
Method of course registration: Neptun system
Detailed course/lecture description²: <ol style="list-style-type: none"> Grouping of the orthodontic appliances, the function of the appliances, biomechanical systems of orthodontic appliances The working principles and role of removable orthodontic appliances, bending of labial arch Metals used in orthodontics, wire bending Elements of the fixed orthodontic appliances, bonding brackets The practical course on typodont, ligation Bending Utility-arch, the phases of orthodontic treatment with fixed appliances Digital orthodontics, written test
Courses (<i>obligatory and elective</i>) which in part or entirely overlap the topics of above course: Orthodontics, orthodontic diagnostics

Special academic work required for completion of the course³: Bending wires and loops, bonding brackets, practical skills
Attendance on practices and lectures, replacement in case of missed sessions: Students are required to attend practice sessions and midterm test. The practical course of one semester cannot be recognised if a student is absent for more than 25% (more than 1 occasions) of the practice sessions. The missed practices can be retaken twice per semester.
Consequences of absence from sessions and exams: Every student has to sign his/her own attendance sheet which is certified by the supervisor's signature. Presence is required at a level of 75%. No more than one absence is permitted. Medical certificates are accepted but the missed courses must be retaken. Replacement of the missed practices is possible.
Method of checking acquired knowledge during the study period⁴: Written midterm tests have to be completed in the semester. The test-paper is validated with a score over 50%. There are two possibilities to retake an unsuccessful test.
Requirements of an accepted semester (<i>signature of the lecturer</i>): 1. At least <i>satisfactory</i> results (2) on midterm tests. 2. Interest and participation shown during the practical courses (maximum 1 absences)
Type of the exam: Practical mark, (no exam).
Requirements of the exam⁵: No exam. The course is valid if students have no more than 1 absence and the midterm is fulfilled.
Grading of courses⁶: The average of the test-papers and the judgement of the practical performance determine the final score of the semester, (50-50%). Practices and written test can be retaken.
Exam registration: -
Rules of repeating exams: -
List of textbooks, lecture notes and recommended textbooks: 1. Mitchell, Laura: An introduction to orthodontics, Oxford Publishing, 2011.
Signature of course lecturer: 
Signature of head of department: 
Date of submission: 05th of May 2025.
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.