

**Semmelweis University, Faculty of Dentistry - single, long-cycle medical training -
Osztatlan általános fogorvos képzés**

Name of the host institution (and any contributing institution):

Helyreállító Fogászati és Endodonciai Klinika

Name of subject: Aesthetic restoration techniques II.

in English: The Basics of Biomimetic Dentistry II.

in German: Ästhetische Zahnfüllungstechniken II

Credit value: 1

Semester: 8th semester

(in which the subject is taught according to the curriculum)

Hours per week	Lecture	Practical lesson	Seminar
0.0	0.0	0.0	0.0

Hours per semester	Lecture	Practical lesson	Seminar
0.0	0.0	0.0	0.0

Type of course:

elective

Academic year:

2026/27

Language of instruction (for optional and elective subjects):

Angol

Course code:

FOSVKFK167_2A

(in the case of a new course, to be completed by the Dean's Office, following approval)

Course coordinator name: Dr. Vág János

Course coordinator location of work, telephone availability: Helyreállító Fogászati és Endodonciai Klinika, 061459-1500/59377

Course coordinator position: klinika igazgató

Course coordinator Date and number of habilitation: 2019.06.06 09/2019

Objective of instruction and its place in the curriculum:

This subject guides students in the more aesthetic preparation of direct restorations. Our goal is to enable students to transfer the functional foundations received in education aesthetically into their practice based on detailed practical instructions through a complex composite system.

Method of instruction (lecture, group work, practical lesson, etc.):

lecture

Competencies acquired through completion of course:

The students will gain the ability to recognize and recreate the detailed anatomy of front teeth, including the surface texture and form. They get familiar with the layering technique and evaluation of direct restorations' esthetics through a complex composite system and polishing kit.

Course outcome (names and codes of related subjects):

Prerequisites for course registration and completion: (CODE):

In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:

The number of students required to start the course (minimum, maximum), student selection method:

Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)

The course is divided into two blocks. The theoretical part (7 hours) and a hands-on part (7 hours) to make direct restorations under the supervision of the teacher.

Lectures about the direct restoration of front teeth:

- Analysis of the shape of the face, midline
- Rules of a harmonious smile
- The role and implementation of smile design
- Isolation in case of front restorations
- Taking pictures of front teeth, camera settings
- Diastema-closure
- The harmony of esthetics and function

- Layering technique in case of large direct restorations
- Case reports

Hands-on part:

- A complete composite build-up of a "young" maxillary central incisor to a 3D printed radix

Modification of the tooth morphology according to different tooth shapes

Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimize overlaps, topics should be coordinated. Code(s) of courses (to be provided):

Requirements for attendance, options for making up missed sessions, and method of absence justification:

A minimum of 75% attendance is required at the practices; absences should not exceed 25% of the practices. The condition for signing the semester is appropriate theoretical knowledge and practical performance.

Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):

(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)

practical mark

Number and type of individual assignments to be completed, submission deadlines:

there is none

Requirements for the successful completion of the course:

A minimum of 75% attendance is required at the practices; absences should not exceed 25% of the practices. The condition for signing the semester is appropriate theoretical knowledge and practical performance.

Type of assessment:

term grade

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

there is none

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.

A minimum of 75% attendance is required at the practices; absences should not exceed 25% of the practices. The condition for signing the semester is appropriate theoretical knowledge and practical performance.

Method and type of grading (Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results in the end-of-term assessment. Possibilities of and conditions for offered grades.): (Share of theoretical and practical examinations in the overall evaluation, Inclusion of the results in the end-of-term assessment, Possibilities of and conditions for offered grades)

The grade of the practice is five levels. The practice supervisor determines the practical mark based on the practical work, also considering the student's attitude towards the subject and his/her mates.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

Signature of habilitated instructor (course coordinator) announcing the course:

Signature of the director of the host institution:

Date of submission:
