

## **aZLPP0241 Vacational Training in Preclinical Dentistry**

### **Description of the summer vacation practical training:**

**Duration:** 3 weeks (90 hours)

The course takes place after the 2<sup>nd</sup> semester/1<sup>st</sup> year

**Place of training:** Facilities of the Dental Laboratory and Dental Surgery

**Prerequisites:** aZLPR0232c Preclinical Dentistry II - (credit)  
aZLPT0221 Prosthetic Technology I – Materials - (credit)

**Course of training:** Students work under the supervision of a dental technician. Students are obliged to observe the principles of work safety and use the prescribed protective aids.

Practice in the dental laboratory: assistance and performing simple tasks (1 week)

Practice in the dental surgery: assistance and performing simple tasks (2 weeks)

#### **Content of the practical training:**

##### **Practice in the DENTAL LABORATORY – 1 week (30 hours)**

1. Pouring of the alginate impression with plaster, removal of the plaster model, shaping of the model.
2. Fabrication of a model for fixed prosthetics – divided model with removable dies.
3. Laboratory processing of metals and resins including composite resins - demonstration.
4. Laboratory procedures for fixed denture fabrication (crowns and bridges): full crowns, veneer crowns, fused to metal-ceramic crowns, jacket crowns.
5. Laboratory procedure for fabrication of removable dentures of classes I, II, and III.
6. Laboratory procedures for full denture fabrication.
7. CAD-CASM technology (if the equipment is available in the laboratory).

##### **Practice in the DENTAL SURGERY – 2 weeks (60 hours)**

1. Preparation of the dental surgery.
2. Selection of instruments for the individual treatments.
3. Dilution of decontamination solutions and disinfectants.
4. Decontamination of instruments, their preparation for sterilization, manipulation with sterilizers (under supervision), sterilization journal.
5. Preparation of materials – filling materials, impression materials.
6. Assistance during dental examination and treatment of a patient.
7. Cleaning of the dental surgery after work (disinfection, instruments maintenance and storage).
8. Information on the operating rules of dental surgery.

**aZLPP0241 Vacational Training in Preclinical Dentistry  
RECORD OF THE PRACTICAL TRAINING:**

The records of practical training and student evaluation serve as a document confirming the completion of the required training and entitle the student to gain credits. The confirmed record of the completed practice must be submitted before the 1<sup>st</sup> October 2024 at the latest to the Homework Vault of the course aZLPP0241 Vacational Training in Preclinical Dentistry in the IS. The submitted documents are checked and awarded credits by the study officer.

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Student's full name and UČO

.....  
Medical institution (name and address)

Practice in the **DENTAL LABORATORY – 1 week (30 hours)**

Training period from ..... to .....

Evaluation of the student (brief characteristics of the student's performance, assessment of the student's qualities, diligence, aptitude, course attendance, etc.):

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date

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official signature and stamp

Practice in the **DENTAL SURGERY – 2 weeks (60 hours)**

Training period from ..... to .....

Evaluation of the student (brief characteristics of the student's performance, assessment of the student's qualities, diligence, aptitude, course attendance, etc.):

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date

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official signature and stamp