

Program of Study : Dentistry

Course : **Pre-Clinical Dentistry 2**

Abbreviation : ST1/ZAA43

Schedule : 30 hours of lectures
75 hours of practical trainings

Course Distribution : 2th year, 3th semester

Number of Credits : 8

Course Form : Lectures, laboratory practise

Lectures:

Guarantor of teaching: Doc. MUDr. Miloš Špidlen, Ph.D.

Head of teaching: MDDr. Iva Voborná, Ph.D.

Study: Continuous, Institute of Dentistry and Oral Sciences Palacký 12,
Library UZQ203030, Wednesday 13:00-14:30

Date	Subject	Hours	Teachers:
21.9.2022	Fixed restorations introduction Biological factor and abutment teeth evaluation Patient's examination before the fixed reconstruction treatment	2	Špidlen/Zábojníková
28.9.2022	Public holiday		
5.10.2022	Impression materials – basic classification, indications, contraindications Impression tray - Basic classifications - Custom tray	3	Špidlen/Voborná
12.10.2022	Impression technique in fixed prosthodontics, overview, procedures, retraction	2	Špidlen/Voborná
19.10.2022	Crown restorations Surgery and laboratory procedures of full metal crown, resin veneered crown, porcelain-fused-metal crown	3	Špidlen/Francová

26.10.2022	Casting procedure, Laser sintering, Milling Polishing of dental prostheses and reconstructions	2	Špidlen/Polanská
2.11.2022	Dental bridges	2	Špidlen/Francová
9.11.2022	Tooth core build up possibilities before indirect treatment Root inlay, FRC posts, adhesive build up	2,5	Špidlen/Jirásek
16.11.2022	Adhesive dental bridge Adhesive dental splint Dentapreg	2	Špidlen/Jirásek
23.11.2022	Temporary restorations Basic classifications, indications, functions Indirect and direct Stamping method / Silicone key	2,5	Špidlen/Francová
30.11.2022	Dentist and the dental laboratory technician communications possibilities Shade choosing possibilities	2	Špidlen/Jirásek
7.12.2022	Luting of fixed indirect restorations Luting materials Luting procedures	2	Špidlen/Jirásek
14.12.2022	Centric relation, centric occlusion Maxillo-mandibular relationship registration possibilities by the dentulous, partial and complete edentulous patient Occlusal rims – procedure	2	Špidlen/Francová
16.12.2022 13:00 – 14:30 Library	Anesthetics in dentistry ATTENTION - CHANGE IN THE SCHEDULE	2,5	Špidlen/Staněk
21.12.2022	Dental ceramic Methods of processing dental ceramics in the dental laboratory	2	Špidlen/Al Akkad

Practical trainings :

Supervisor for education : MDDr. Iva Voborná, Ph.D.
Stomatolog Julia Morozova, Ph.D

Study : Continuous, 2nd floor teaching laboratory, Institute of Dentistry and Oral Sciences, Palacký 12, Olomouc

Date	Topic	Hours Lecturers
38. – 51. calendar week 2021 Clases take place every week 1. calendar week 2022 – practical trainings substitutions	<p>In practical trainings, the student acquaints basic knowledge about the biological and technical principles of fixed dental restorations. This course prepares students for clinical practice. The course must meet two basic objectives:</p> <p>1. have to acquaint students with the biological and technological basics of making crowns and bridges 2. students have to teach basic manual skills in tooth preparation, impressions, and work with the articulator. The individual phases of the exercises are performed on phantom heads and models</p> <p>The student can not complete practical exercises without the recommended instrumentation</p> <p>The student is required to attend the practical exercises at least 10 minutes before the beginning of the practical exercise in order to prepare for practical exercises</p> <p>Students are required to appear in practical workouts in clean, white work clothes and shoes</p> <p>Instruments is required for the implementation of teaching - modeling tools, instruments for preparation, artificial teeth for the phantom and articulator accessories.</p> <p>Students will be informed about ordering and sales at MOODLE / UPOL and during the training course.</p>	15x5

Requirements : 100% attendance in practical exercises

According to the Dean's Directive LF-B3-1 / 2016-PN to the Study and Examination Regulations of the Faculty of Education in Olomouc, the student can substitute a maximum of one third of compulsory education in the semester, provided he / she is properly

apologized for missed lessons.

1) The student is required to come at least 10 minutes before the beginning of the practical exercise in order to prepare for practical exercises.

2) The student is required to attend practical exercises in clean, white working clothes and shoes. If she/he does not do so, she/he will be excluded from practicing with the necessity of substitution.

3) The use of mobile phone and other similar devices is prohibited in practical exercises. If a student breaks the rule, she/he will be excluded from practicing with the necessity of substitution.

4) If a student violates educational or ethical rules, he/she will be excluded from the practical exercise with the necessity of substitutions.

5) The student can miss only 1/3 of the compulsory education - with the necessity of apology to the teacher and substitution of the missed practical/seminar.

- 10% of the allowed absence without apology and substitution applies only to subjects where the practical training contains 10 or more practical exercises / seminars. However, it is recommended to apologize to the teacher in person / by email.

6) If the student does not have sufficient knowledge in the practical exercise, it will be excluded from the practical exercise with the necessity of substitution

Completed by : Credit

Part of the credit will be the written test and the testing of manual skills acquired in the practical teaching of the subject

Final Exam

Literature :

1. Schillinburg, Jacobi, Brackett: Fundamentals of tooth preparation

2. C.W.Barclay, A.D. Walmsley: Fixed and Removable Prosthodontics

3. D.L.Sarandha: Textbook of complete denture prosthodontics

4. A. Banerjee, T. F. Watson: Pickard's Manual of Operative Dentistry

5. L. Mitchell, D. A. Mitchel: Oxford Handbook of Clinical Dentistry

6. Phoenix R.D., Cagba R.D., DeFeest Ch.F.: Removable Prosthodontics

7. Shillinburg H. T.: Fundamentals of fixed prosthodontics

MOODLE/upol

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