

Program of Study : Dentistry

Course : **Pre-Clinical Dentistry 1**

Abbreviation : ST1/ZAA40

Schedule : 30 hours of lectures
75 hours of practical trainings

Course Distribution : 1st year, 1st semester

Number of Credits : 0

Course Form : Lectures, practical trainings

Lectures:

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

Head of teaching: MDDr. Iva Voborná, Ph.D.
Stomatolog Julia Morozova, Ph.D.

Study: Continuous, 2nd floor, Library on Institute of Dentistry and Oral Sciences Palackého 12, Monday 7:30 – 9:00

Date	Subject	Hours	Teachers:
19.9.2022	Introduction into Dentistry. Characteristic sign of human dentice. Common signs of teeth and their signification for function.	2,5	Špidlen/Voborná
26.9.2022	Dental anatomy and morphology – incisors, canines.	2	Špidlen/Kovalský
3.10.2022	Dental anatomy and morphology – molars, premolars.	2	Špidlen/Kovalský
10.10.2022	Examination in dentistry. Patient´s file (documentation in dentistry).	2,5	Špidlen/Zábojníková
17.10.2022	Hand and rotary instruments.	2	Špidlen/Morozova
24.10.2022	Dental caries –general characteristics. Classification of carious lesions according to Black General principles of preparation.	2,5	Špidlen/Morozova
31.10.2022	Dental cements – base, subbase/liners. Dental pulp protection.	2	Špidlen/Morozova
7.11.2022	Dental amalgam.	2	Špidlen/Morozova
14.11.2022	Masticatory system – morfology, anatomy, function. Basic gnathology terms.	2,5	Špidlen/Jirásek
21.11.2022	Temporomandibular joint.	2	Špidlen/Jirásek
28.11.2022	Moisture control.	2	Špidlen/Morozova
5.12.2022	Ergonomy in dentistry.	2	Špidlen/Morozova
12.12.2022	Congenital and acquired defects of dentition and hard dental tissues.	2	Špidlen/Kovalský
19.12.2022	Hygiene in dental office.	2	Špidlen/Morozova

Practical trainings:

Guarantor of teaching:

Doc. MUDr. Miloš Špidlen, Ph.D.

Supervisor of the teaching:

MDDr. Iva Voborná, Ph.D.
Stomatolog Julia Morozova, Ph.D.

Study:

Continuous, 2nd floor, teaching laboratory on Institute of Dentistry and Oral Sciences Palackého 12,

Blockdate	Subject
38. – 51. calendar week year 2022 Classes take place every week	<p data-bbox="579 539 1428 719">Instrumentation is required for the implementation of teaching - modeling tools, instruments for preparation, artificial teeth for the phantom and articulator accessories. Students will be informed about ordering and sales at MOODLE / UPOL and during the training course.</p> <p data-bbox="579 763 1455 976">Students will acquire practical skills in morphology and anatomy of individual teeth and dental arch as a whole, principles of preparation, basics of filling technique, materials and instruments of conservative therapy, practice of holding and working with individual instruments. The training will take place on models and simulators.</p> <p data-bbox="579 1021 1358 1088">The student can not complete practical exercises without the recommended instrumentation</p> <p data-bbox="579 1133 1428 1234">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 data-bbox="579 1279 1374 1346">Students are required to appear in practical workouts in clean, white work clothes</p>

1. 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

2. Requirements:

100 % attendance in practical exercises
- 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.

According to the Dean's Directive [LF-B-18/14](#) 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

3. Recommended literature:

1. Nelson Stanley J.: Wheeler's dental anatomy, physiology and occlusion, eBook ISBN: 9780323263245, eBook ISBN: 9780323263283
2. Mitchel L., Mitchel A. D.: Oxford Handbook of Clinical Dentistry, 2009, ISBN: 978-0-19-955330-3
3. Council on Dental Care Programs: Code on dental procedures and nomenclature. J Am Dent Assoc 1991; 122(3): 91-97.
4. A. Banerjee, T. F. Watson: Pickard's Manual of Operative Dentistry
5. Kenneth Anusavice Chiayi Shen H. Ralph Rawls: Phillips' Science of Dental Materials, 12th Edition, Hardcover ISBN: 9781437724189, eBook ISBN: 9781455748136, eBook ISBN: 9780323242059
6. Nusha Garg: Textbook of Operative Dentistry 3rd Edition, ISBN-13: 978-9351526339, ISBN-10: 935152633X

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