

SYLABUS

<b>Subject:</b>	<i>Propedeutics of Dental Medicine 1</i>		
<b>Study programme:</b>	<i>Dental medicine</i>	<b>Semester:</b>	<i>1. semester</i>
<b>Valuation:</b>	<i>absolved</i>	<b>Obligation:</b>	<i>obligatory</i>
<b>Number of hours:</b>	<i>14 h. lectures and 3 h. practicals</i>		<i>56 hours</i>

**Place: Department of Stomatology and Maxillofacial Surgery and Akademia Kosice  
Department of Stomatology and Maxillofacial Surgery  
1 st Department of Stomatology**

**Monday PB ECW 13:30 - 15:00**

<i>Week</i>	<i>Letures</i>	<i>Practicals</i>
1.	<p>History and development of Dental Medicine in Slovakia and in the world. Position of Dental Medicine within Medical Science. Specialization and characteristics of Dental Medicine . Orientation on the tooth, dental arch and in the oral cavity, orientation planes in the orofacial region – horizontal, medial and vertical planes. History of charting and designation of the teeth and the designation system according to FDI</p> <p><b>16.09.2024</b></p>	<p>Introduction to the dental training laboratory, familiarize with the working enviroment. Basic principles of safety in the dental training laboratory: required clothing, hygiene of work, working with an open fire- gas burner, prevention of injuries at work. Training /simulators/ dental aboratory equipment, function and use of devices: technical handpiece, carving knife, mouth mirror, dental probe, dental tweezers, laboratory desk and its equipment, individual working cassette and its equipment. Introduction and tour around the clinic with the focus on departments, system of work and orientation. Students will need to buy a squared lined exercise book, plasticine, pencil and rubber for the next practical classes. Practical training in orientation in the oral cavity, dental arches and on the teeth. Designation of the teeth, FDI two-digit system.</p>

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2.	<p>Basic tooth tissues /hard and soft tooth tissues/ and basic morphology of the tooth.</p> <p>Morphology of the permanent upper and lower incisors</p> <p><b>30.09.2024</b></p>	<p>Basic tooth tissues /hard and soft tooth tissues/ and basic morphology of the tooth.</p> <p>Morphology of the permanent upper and lower incisors .</p> <p>Practice: Drawing according to a given pattern, + cuttwork from chalk (incissor, )</p>
3.	<p>Morphology of the permanent upper and lower canine</p> <p>Morphology of the permanent upper and lower premolars</p> <p><b>14.10.2024</b></p>	<p>Theory: pink wax – compound, characteristics, indication of usage, basec principles of work with wax.</p> <p>Practice: basic rules for modeling and carving of the tooth – carving from pink wax – canine, premolars</p>
4.	<p>Morphology of the permanent lower molars</p> <p>Morphology of the permanent upper molars</p> <p><b>28.10.2024</b></p>	<p><b>Test : tooth signation – FDI two digit system, orientation of tooth surface and on dental arch, basic morphology of and composition of dental tissues</b></p> <p><b>Morhology of permanent incissors and canines</b></p> <p>Theory and practice: basic signs of lower molars – carving of the lower first molar from wax, drawing into squared line scheme</p>
5.	<p>Morphology of the deciduous teeth, differencies in the anatomy of permanent and deciduous dentition</p> <p>Anatomy of the periodontal tissues</p> <p><b>11.11.2024</b></p>	<p>Theory : Morhology of deciduous teeth and anatomical differences between deciduous and permanent dentition</p> <p>Theory and practice _: Anatomy of periodontal tissues – description on models and photography</p> <p>Practice: Finishing of the models of molars</p>

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6.	<p>Dentition, basic prosthetic points and planes, relationship between dental arches. Arrangement of teeth in dental arches , frontal and distal parts <b>25.11.2024</b></p>	<p>Dentition, basic prosthetic points and planes, relationship between dental arches. Arrangement of teeth in dental arches , frontal and distal parts</p> <p>Theory and practice: basic signs of deciduous teeth. Differences between deciduous and permanent dentition. Identification of different teeth – extracted tooth model</p>
7.	<p>Physiology of oral cavity <b>09.12.2024 Final test for lectures</b></p>	<p>Final practical exam – morphology of teeth. Student must be able independently carve tooth and describe its anatomy. Realisation : student allots and choose tooth , which will carve without any copy and determine its anatomical characteristics. Finishing of the models. Corrective tests.</p>

**Specific conditions for passing the subject:**

Passing 100% participation in practical exercises and lectures.

Continuous monitoring with a record of the evaluation of practical skills. Final practical skills test . Final test for lectures with minimal knowledge assessment at the level of 60%.

Final test with minimal knowledge assessment at the level of 60% in the corresponding semester. Final skills check with a minimum rating of 60%.

**Recommended literature:**

1. Dental Morphology : An Illustrated Guide ,By (author) G. C. Van Beek, 1983
2. Levison,H.: Textbook for dental nurses, 1991
3. Jedynekiewicz,N.M.: A practical guide to technology in Dentistry. Wolfe Publ.,1992,ISBN 0-7234-1742X
4. Banerjee, Watson: Pickard's Manual of Operative Dentistry, 2011, Oxford University Press ISBN-13: 978-0199579150
5. Scheid R.C.: Woelfel's Dental Anatomy: Its Relevance to Dentistry, 2011, Lippincott Williams & Wilkins, ISBN-13: 978-1608317462