

**Odessa National Medical University**  
**Faculty of Dentistry**  
**Department of Orthopedic Dentistry**

**Course syllabus**  
**«Fundamentals of aesthetic dentistry.»**

<b>Volume</b>	of 90 hours/ 3 credits and
<b>Semester, year of study</b>	IX- X semester (fifth year of study)
<b>Days, time, place</b>	The time and place (number of the lecture hall, auditorium) of the discipline is determined according to the approved schedule of classes.
<b>Teacher (s)</b>	Head Department Assoc., Doctor of Medical Sciences Rozhko P.D., head teacher of the department assistant Cherednichenko A.V., associate professors, candidate of medical sciences: Ryaboshapko A.A., Burdeyny V.S., Balykov V.V., Kushnir N.V., Shakhnovsky I .V., Rozumenko M.V., assistants to the candidate of medical sciences: Rozumenko V.A .; assistants Adamiv S.I., Lysenko V.V.
<b>Contact phone</b>	number at the department phone number is missing
<b>E-mail</b>	ortstom-onmedu@ukr.net
<b>Workplace</b>	Department of Orthopedic Dentistry, Torgovaya street, 15
<b>Consultations</b>	<i>Face-to-face consultations:</i> 14.30-16.00 on Thursday, and 8.30 – 13.00 on Saturday. <i>On-line consultations:</i> conducted by agreement with the teacher, who conducts classes in a group on an individual basis.

**COMMUNICATION**

Communication with students will be carried out in the classroom according to a schedule, as well as using the Microsoft Times, Zoom, E-mail platform, and by phone of the teacher – in the case of distance learning.

**COURSE SUMMARY**

*The subject of the discipline* is aesthetic dental orthopedic treatment of the following types of pathology of the dentoalveolar apparatus: defects of the crown part of individual teeth, partial loss of teeth, lesions of hard tissues of teeth, dental prosthetics on implants.

**Course details:**

The course is based on the study of morphological disciplines, physiology, pharmacology, pathomorphology, pathophysiology, propaedeutics of orthopedic dentistry and is integrated with these disciplines.

*The purpose of teaching the discipline is* the professional formation of the future specialist, able to solve clinical problems using the acquired knowledge and skills in the

discipline, which involves the integration of teaching the discipline with therapeutic, surgical and dental dentistry.

***The main objectives of studying the academic discipline*** "The basics aestheticallyth dentistAI" is: to teach students to conduct surveys of patients in a clinical study with the use of dental equipment and tools; to teach students to analyze diagnostic model of patients with different types of pathology dental apparatus; on the basis of clinical thinking to choose recovery methods defects of the teeth and dentition; to teach students to perform practical skills during clinical patients with different defects of the dentoalveolar apparatus; to teach students solve situational problems, with clinical directions.

Competencies and learning outcomes that the discipline contributes to (the relationship with the normative content of training applicants for higher education, formulated in terms of learning outcomes in AKI).

### ***Expected results:***

Integrative final program results of training, the formation of which is promoted by the academic discipline "Orthopedic Dentistry", including implantology":

–On the basis of a survey , examination, and instrumental research, be able to evaluate information about the diagnosis, and make a preliminary and final diagnosis.

–Assign and analyze additional (mandatory and optional) survey methods

–Determine the approach, plan, type and principle of treatment of dental diseases by making an informed decision based on existing algorithms and standard schemes.

–Determine the tactics of providing emergency medical care, using recommended algorithms, in any circumstances based on the diagnosis of an emergency condition in a limited time.

–Comply with the requirements of ethics, bioethics and deontology in their professional activities.

–Organize the necessary level of individual safety (own and those who are taken care of) in the event of typical dangerous situations in the individual field of activity

–Perform medical dental manipulations based on a preliminary and / or final clinical diagnosis for different segments of the population and in different settings.

–Perform manipulations of emergency medical care, using standard schemes, under any circumstances based on the diagnosis of an emergency condition in a limited time.

## **COURSE DESCRIPTION**

### ***Forms and methods of training***

The course in UDE is presented in the form of lectures (10 hours.), seminars (20 hours), organization of independent work of students (60 hours).

When teaching the discipline, the following methods are used: lecturer's story, PowerPoint demonstration and explanation, conversation, briefing, analysis of new information.

During the seminar sessions, the teacher conducts a discussion on pre -defined problems, for which students prepare abstracts виступів на based on individually completed tasks (essays, essays, etc.). During the seminar session, the teacher evaluates

the quality of students' individual tasks, their performances, activity in discussion, ability to formulate and defend their position, and so on.

### ***Content of the academic discipline***

1. The concept терміноf terms "cosmetics" and "aesthetics". Elements of aesthetic culture. General and aesthetic human needs. Aesthetic dentistry.
2. The history of dental aesthetics. Aesthetic aspects of the evolution of missing teeth replacement.
3. Fundamentals of aesthetic analysis. Analysis of the face, and oral cavity. Smile, classification. Stages and types of smiles.
4. Архітектонічна красаfа лица. Othern ознаки variables have compliance signs. The golden ratio. Тіло The human body and the golden ratio. Пропорції Face proportions.
5. КоліG-circle and optical parameters of the tooth. Factors influencing the restoration of the color scheme.
6. Types and causes of optical illusions. Illusions of color.
7. Creating an illusion in dentistry.
8. Дизайн Smile design. Static and dynamic components in dentistry.
9. Aesthetic problems indifferent age groups.

### ***List of recommended literature***

Basic (basic) :

1. Aesthetic accents of dentistry: manual/M. Ya.Nidzelski, Yes.G. Shiyan, G. M. Davydenko. - Vinnytsia: Nova kniga Publ., 2016. - 208s.: il
2. Шмідзер Й. Aesthetic dentistry Tsvetnoy atlas. - GalDent, 2005. - 312s., 952 ill.

Auxiliary system :

1. Fundamentals of deontology in dentistry. Manual for students and doctors /ПодEdited by G. P. Ruzin. - Vinnytsia: New Book, 2008. - 120s.
2. Bernard Tuati, PaulMiara, Dan Nathanson. Esthetic dentistry and ceramic restorations. Translated from English-Moscow: Publishing House Home "Higher Education and Science", 2004, 448 p.
3. Crispin N. D., Hevlett E. G., Joe Y. H.Modern aesthetic dentistry. Practical basics. Translated from English. ПодEdited by T. F. Vinogradov. – Publishing House "Quintessence", 2003-303 p.
4. Goldstein G., СоловьєваSolovyova A.M. - Aesthetic dentistry. Volume 1, 2. 2003

## **RATINGS**

**Current monitoring** is carried out at each practical lesson according to the specific goals of the topics. The assessment of current academic performance is based on the results of:

1. співбесіди на seminar interviews;
2. performing individual work in the classroom.

When mastering each module topic, the student's current academic activity is evaluated on a 4-point traditional scale.

**Assessment of independent work:**

Independent work of students, which is provided in the topic next to the classroom work, is evaluated during the current control of the topic in the corresponding lesson.

**The final control** in the form of a test is evaluated on a two-point scale:

- the grade "credited" is given to a student who has completed the curriculum of a discipline that does not have academic debt; the level of competence is high (creative);
- the grade "not credited" is given to a student who has not completed the curriculum of the discipline, has an academic debt (the average score is lower than 3.0 and/or missed classes); the level of competence is low (receptive – productive).

***Independent work of students.***

Independent extracurricular work of the student is the main means of mastering the educational material. It includes working out the educational material, preparing for lectures and other types of training sessions, performing individual tasks, research work, etc. and is performed during extracurricular time.

## **COURSE POLICY**

***Policy on deadlines and retakes:***

The final score is made in the audience. If there is no or low result, it will be recalculated according to the schedule

***Academic Integrity Policy:***

Use of prohibited auxiliary materials or technical means (cheat sheets, notes, microphones, phones, smartphones, tablets, etc.) during control events;

***Attendance and lateness policy:***

Students are required to attend all types of training sessions.

***Mobile devices:***

Use mobile devices only with the teacher's permission.

***Audience behavior:***

Active business atmosphere.