

**Attestation procedure
in the discipline " Innovative technologies in orthopedic dentistry "
for students in the year of admission 2021
according to the educational program 31.05.03 Dentistry,
orientation (profile) Dentistry (specialty), full-time education
for the 2025-2026 academic year**

1. General principles of calculating the discipline rating

The discipline rating is an individual assessment of the student's study of the discipline, which consists of a rating for the entire period of study of the discipline (preliminary rating) and an interim assessment rating.

2. Calculation of the components of the preliminary rating

2.1. General principles

The discipline is studied during one semester (the ninth), therefore, the preliminary rating of the discipline for the entire period of study (RPS) corresponds to the semester rating of the discipline in the second semester. (R_{сем}):

$$R_{предв} = R_{сем}$$

The semester rating of the discipline is calculated according to the formula:

$$R_{сем} = (R_{тек} + R_{сро}) / 2 + R_6 - R_{ш}$$

где R_{тек} – текущий рейтинг по дисциплине,

R_{сро} – рейтинг самостоятельной работы обучающегося в рамках дисциплины,

R₆ – рейтинг бонусов,

R_ш – рейтинг штрафов.

2.2. Calculation of the current semester rating

The current semester rating (R_{теc}) is calculated as the arithmetic average of all the grades received by the student during the semester of studying the discipline when performing the tasks of the current academic performance control, which include the following types of tasks: testing, situational task solving, control work, interview on control issues, assessment of the development of practical skills.

The teacher evaluates the completion of tasks in each seminar-type lesson based on the criteria presented below (Table 1) on a classic 5–point scale, where:

2 – unsatisfactory;

3 - satisfactory;

4 – good;

5 – excellent.

Table 1

Criteria for the current certification forms used

Task type	Evaluation criteria	Rating on a 5-point scale			
		5	4	3	2
Testing	• • Percentage of correct answers	91-100	76-90	61-75	< 61
Solving situational problems	• • The accuracy of the response received	верный	верный	частично верный	неверный
	• • Availability, completeness and correctness of the	обосновано без замечаний	обосновано с замечаниями	частично обосновано	обоснование отсутствует

	justification of the received response				
Interview on control issues	• Верность ответа	верный	верный	частично верный	неверный
	• Полнота ответа	полный	достаточно полный	неполный	неполный
	• Структура и логика ответа	структурирован, логичен	в основном структурирован, логичен	слабо структурирован, логика нарушена	неструктурирован, фрагментирован, хаотичен
Assessment of the development of practical skills	• Знание теоретических основ выполнения навыка	знание	знание	нетвердое знание	отсутствие знания
	• Соблюдение техники выполнения навыка и успешность результата	соблюдение, успешный результат	соблюдение с негрубыми неточностями, успешный результат	выполнение навыка только после коррекции преподавателя, успешный результат	попытка выполнения навыка, не приводящая к успешному результату, отказ от выполнения навыка
	• Уверенность и стабильность выполнения навыка	уверенность и стабильность	отсутствие уверенности при стабильности в целом	неуверенность, повторение ошибок при повторном воспроизведении навыка	

At the end of the semester, the Rtec is calculated and the calculated value is converted to a 100-point scale according to Table 3.

The absence of current debt is considered to be an Rtec value of more than 61 points.

2.3. Calculation of the student's independent work rating in the semester (Rcro)

The SRO rating in the semester corresponds to the student's assessment for completing the SRO electronic training course in this discipline on the electronic information and educational portal of the Federal State Budgetary Educational Institution of Higher Medical Education of the Ministry of Health of the Russian Federation. One semester of study of the discipline includes the implementation of one e-learning course SRO.

The SRO is evaluated based on the criteria presented below (Table 2) on a classical 5-point scale, where:

- 2 – unsatisfactory;
- 3 – satisfactory;
- 4 – good;
- 5 – excellent.

Критерии оценки СРО

Тип задания	Критерии оценки	Оценка по 5-балльной шкале			
		5	4	3	2
СРО в виде электронного курса на ЭИОП ВолГМУ	• Соблюдение сроков выполнения работы	соблюдены	соблюдены	соблюдены	не соблюдены
	• Полнота изучения материала, который не подлежит оценке (просмотр презентаций, видеороликов)	изучено полностью	изучено полностью	изучено полностью	изучено не полностью
	• Выполнение заданий оценочных частей ЭУК и контрольного раздела	> 4,50	4,00 – 4,49	3,00 – 3,99	< 3,00

At the end of each study, the student's Rcro is calculated and its calculated value is converted to a 100-point scale according to Table 3.

The absence of current debt is considered to be an Rrr value of more than 61 points.

2.4. Transfer of the current rating and the SRO rating to the 100-point system

At the end of the semester, the student's current rating and SRO rating, calculated in a 5-point system, are converted to a score based on a 100-point system. The transfer is made according to Table 3.

Таблица 3

Перевод в рейтинговый балл по 100-балльной системе

Average score on a 5-point system	Points on a 100-point scale	Average score on a 5-point system	Points on a 100-point scale	Average score on a 5-point system	Points on a 100-point scale	Average score on a 5-point scale	Score on a 100-point system
5.00	100	3,45	70	2.48	40	2.09	10
4,95	99	3,40	69	2,46	39	2.08	9
4,90	98	3,35	68	2,44	38	2.07	8
4,85	97	3,30	67	2.42	37	2.06	7
4,80	96	3,25	66	2,40	36	2,05	6
4,75	95	3,20	65	2.38	35	2,04	5
4,70	94	3,15	64	2,36	34	2,03	4
4,65	93	3,10	63	2.34	33	2.02	3
4,60	92	3,05	62	2.32	32	2.01	2

4,5	91	3,00	61	2,30	31	2.00	1
4,47	90	2.98	60	2.29	30		
4,43	89	2,95	59	2,28	29		
4.40	88	2.93	58	2,27	28		
4,37	87	2,90	57	2.26	27		
4,33	86	2.88	56	2,25	26		
4,30	85	2,85	55	2.24	25		
4,27	84	2.83	54	2.23	24		
4.23	83	2,80	53	2.22	23		
4,20	82	2.78	52	2.21	22		
4,17	81	2,75	51	2,20	21		
4,13	80	2,73	50	2,19	20		
4,10	79	2,70	49	2,18	19		
4,07	78	2.68	48	2,17	18		
4.03	77	2,65	47	2.16	17		
4.00	76	2.63	46	2,15	16		
3,90	75	2,60	45	2,14	15		
3,80	74	2.58	44	2,13	14		
3,70	73	2,55	43	2,12	13		
3,60	72	2.53	42	2,11	12		
3,50	71	2,50	41	2,10	11		

2.5. Rating of bonuses and penalties

Bonuses and penalties are issued on a 100-point system. The criteria for bonuses and penalties are shown in table 4.

Table 4

Bonuses and penalties by discipline

Bonuses	Name	Scores
UIRS Points	Educational and research work on the topics of the subject under study	up to + 5.0
NIRS	RIRS Certificate, diploma, diploma, etc. of the participant of the department's INR	up to + 5.0
Fines	Name	Scores
Disciplinary Points	Skipping lectures or practical classes without a valid reason	-2.0
	Failure to complete tasks in practice classes	- 2.0
	Systematic lateness to lectures or practical classes	-1.0
	Violation of safety	-2.0
Causing material damage	Damage to equipment and property	- 2.0

3. Calculation of the intermediate assessment rating

The intermediate certification in the discipline is carried out in the form of a test and includes the following types of tasks: testing.

The assessment of the student's level of formation of the necessary competencies is carried out on a 100-point scale according to the criteria in table 5.

Table 5

Criteria for assessing the level of assimilation of the discipline material and the formation of competencies

Response characteristics	ECTS Assessment	Points in the BRS	The level of competence in discipline
A complete, detailed answer to the research questions is given, and a set of conscious knowledge about an object is shown, manifested in the free operation of concepts, the ability to identify its essential and non-essential features, and cause-and-effect relationships. Knowledge about the object is demonstrated against the background of its understanding in the system of biological science and interdisciplinary connections. The accounting documents are drawn up without comments, their content is formulated in terms of science, presented in literary language, logically, evidently, demonstrates the author's position of the student. The student demonstrates a high advanced level of competence formation. The intermediate certification has been completed.	A	100–96	HIGH
A complete, detailed answer to the research questions is given, the totality of conscious knowledge about the object is shown, the main provisions of the topic are evidently revealed; a clear structure and logical sequence can be traced in the answer, reflecting the essence of the concepts, theories, and phenomena being disclosed. Knowledge about an object is demonstrated against the background of its understanding in the system of this science and interdisciplinary connections. The accounting documents are drawn up without significant comments, presented in literary language in terms of science. There may be errors in the definition of concepts, corrected by the student himself in the process of responding. The student demonstrates a high level of competence formation. The intermediate certification has been completed.	B	95–91	
A complete, detailed answer to the research questions is given, the ability to identify essential and non-essential signs, cause-and-effect relationships is shown. The accounting documents are executed without gross violations. There may be mistakes or minor mistakes that are corrected by the student with the help of the teacher. The student demonstrates an average increased level of competence formation.	C	90–81	AVERAGE
A complete, detailed answer to the research questions is given, the ability to identify essential and non-essential signs, cause-and-effect relationships is shown. The accounting documents are executed without gross violations. However, minor errors or omissions were made, corrected by the student with the help of "leading" questions from the teacher. The student demonstrates an average sufficient level of competence formation. The intermediate certification has been completed.	D	80-76	
A complete but insufficiently consistent answer to the research questions is given, but at the same time the ability to identify essential and non-essential signs and cause-and-effect relationships is shown. The accounting documents were issued with violations. There may be 1-2 mistakes in defining basic	E	75-71	LOW

concepts that the student finds difficult to correct on their own. The student demonstrates a low level of competence formation. The intermediate certification has been completed.			
An insufficiently complete and insufficiently detailed answer to the research questions is given. The logic and sequence of the presentation have violations. Mistakes were made in the disclosure of concepts and the use of terms. The student is not able to independently identify essential and non-essential signs and cause-and-effect relationships. A student can concretize generalized knowledge by proving its main points by examples only with the help of a teacher. Registration of accounting documents requires amendments and corrections. The student demonstrates an extremely low level of competence formation. The intermediate certification has been completed.	E	70-66	
An incomplete answer is given, and the logic and sequence of the presentation have significant violations. Gross errors were made in determining the essence of the disclosed concepts, theories, and phenomena, due to students' misunderstanding of their essential and nonessential features and connections. The ability to reveal specific manifestations of generalized knowledge is not shown. Registration of accounting documents requires significant amendments and corrections. The student demonstrates a threshold level of competence formation. The intermediate certification has been completed.	E	65-61	THRESHOLD
An incomplete answer is given, representing scattered knowledge on the topic of the question with significant errors in definitions. There is fragmentary and illogical presentation. The student does not realize the connection of this concept, theory, phenomenon with other objects of practice. There are no conclusions, concretization, and evidence-based presentation. The speech is illiterate. Additional and clarifying questions from the teacher do not lead to a correction of the student's answer not only to the question posed, but also to other questions of practice. There is no competence. The intermediate certification has not been completed.	Fx	60-41	THERE IS NO COMPETENCE
Basic practice questions have not been answered. The student does not demonstrate indicators for achieving competence formation. There is no competence. The intermediate certification has not been completed.	F	40-0	

4. Calculation of the final rating for the discipline

The final grade in the discipline (R_d) is calculated using the formula:

$$R_d = (R_{предв} + R_{па}) / 2$$

The final score calculated in the 100-point system is transferred to the "credited - not credited" system according to Table 6.

Table 6

Final assessment of the discipline		
100-point rating system	System assessment "passed - not passed"	ECTS assessment
100-96	Passed	A
95-91		B
90-81		C
80-76		D
75-71		E
70-66		

65-61		
60-41	Not passed	Fx
40-0		F

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protocol No 11.

Head of the Department



V.I. Shemonaev