

**The procedure for certification
in the discipline "Hygiene"
for students in the educational program
specialty 33.05.01 « Pharmacy» (specialist level) (foreign faculty, English-
speaking)
for 2025-2026 academic year**

1. General Principles for Calculating Course Ratings

A course rating is an individual assessment of a student's performance in a course, consisting of the course's overall rating (preliminary rating) and the midterm assessment rating.

2. Calculating Preliminary Rating Components

2.1. General Principles

A course is studied over the course of one semester (the fourth), so the course's overall preliminary rating ($R_{\text{preliminary}}$) corresponds to the average semester rating for the course in the fourth semester:

$$R_{\text{preliminary}} = R_{\text{sem4}}$$

The semester rating for a course is calculated using the formula:

$$R_{\text{sem}} = (R_{\text{current}} + R_{\text{sro}}) / 2 + R_b - R_{\text{sh}}$$

where R_{current} is the current rating for the course,

R_{sro} is the student's independent work rating for the course,

R_b is the bonus rating,

R_{sh} is the penalty rating.

2.2. Calculating the Current Semester Rating

The current semester rating (R_{current}) is calculated as the arithmetic mean of all grades received by the student during the semester of study for the course in the current assessment tasks, which include the following types of tasks: solving case studies, testing and/or quizzes, and interviews on test questions.

Assignment completion is assessed by the instructor at 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 assessment 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	Correctness of the answer received	correct	correct	partially correct	not correct
	The presence, completeness and correctness	substantiated without comments	substantiated with comments	partially justified	there is no justification

	of the justification for the response received				
Контрольная работа	Correctness of the answer received	correct	correct	partially correct	not correct
	The presence, completeness and correctness of the justification for the response received	substantiated without comments	substantiated with comments	partially justified	not correct -
Собеседование по контрольным вопросам	Correctness of the answer received	correct	correct	partially correct	not correct
	Completeness of the answer	full	quite complete	incomplete	incomplete
	Structure and logic of the answer	structured, logical	mostly structured, logical	poorly structured, logic is broken	unstructured, fragmented, chaotic

At the end of the semester, $R_{current}$ is calculated and converted to a 100-point scale according to Table 2.

An $R_{current}$ value greater than 61 points is considered to be free of current debt.

Table 2
Conversion to a rating point on a 100-point scale

Average score on a 5-point system	Score on a 100-point system	Average score on a 5-point system	Score on a 100-point system	Average score on a 5-point system	Score on a 100-point system	Average score on a 5-point system	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		

2.3. Calculating the Student's Independent Work Rating (Rsiw) in a Semester

The SIW rating in a semester corresponds to the student's grade for completing the SIW e-learning course for a given subject on the Volgograd State Medical University's electronic information and educational portal. One semester of study for a subject includes completing one SIW e-learning course.

SIW assessment is based on the criteria presented below (Table 3) on a 100-point scale.

Table 3
SIW Assessment Criteria

Task type	Evaluation criteria	Score on a 100-point system			
		91-100	76-90	61-75	< 61
SIW in the form of an electronic course/course element at the Volgograd State Medical University	Compliance with deadlines for work completion	observed	observed	observed	not observed
	Completeness of study of material that is not subject to assessment (viewing presentations, videos)	studied fully	studied fully	studied fully	studied not fully
	Average score for current tests and the final test, taking into account the weight (current 1, final 3)	91-100	76-90	61-75	< 61

2.4. Bonus and Penalty Rating

Bonuses and penalties are assigned on a 100-point scale. Bonus and penalty criteria are presented in Table 4.

Table 4
Bonuses and Penalties by Discipline

Bonus		Points
ERW	Educational research work on the topics of the subject being studied	до + 5,0
SRW	Certificate, diploma, etc. for a participant in the department's youth scientific society	до + 5,0
Penalties	Name	Points
Disciplinary	Absence from a lecture or practical lesson without a valid reason	- 2,0
	Systematic lateness to lectures or practical classes	- 1,0
	Violation of safety regulations	- 2,0
Causing material damage	Damage to equipment and property	- 2,0

3. Calculating the Midterm Assessment Rating

Midterm assessment for the discipline is carried out in the form of a graded test and includes the following types of assignments: interview and situational problem solving.

The student's level of development of the required competencies is assessed on a 100-point scale using the criteria in Table 5.

Table 5
Criteria for assessing the level of mastery of the discipline material and development компетенций

Response characteristics	Value ECTS	Points	Level of development of competence in the discipline
A complete, detailed answer to the question posed is provided, demonstrating a comprehensive understanding of the subject, manifested in the fluent use of concepts, the ability to identify its essential and non-essential attributes, and cause-and-effect relationships. Knowledge of the subject is demonstrated against the backdrop of its understanding within the framework of the given science and interdisciplinary connections. The answer is formulated in scientific terms, presented in literary language, is logical, evidence-based, and demonstrates the student's own position. The student demonstrates a high, advanced level of competence. Interim assessment passed..	A	100-96	high
A complete, detailed answer to the question posed is provided, demonstrating the student's conscious knowledge of the subject, and convincingly explaining the main concepts of the topic. The answer displays a clear structure and logical sequence, reflecting the essence of the concepts, theories, and phenomena being explored. Knowledge of the subject is demonstrated against the backdrop of its understanding within the framework of the given science and its interdisciplinary connections. The answer is presented in literary language, using scientific terminology. Deficiencies in definitions of concepts may be present, but	B	95-91	

the student corrects them independently during the answer process. The student demonstrates a high level of competence development. Midterm assessment has been passed.			
A complete, detailed answer to the question was provided, demonstrating the ability to identify essential and nonessential features and cause-and-effect relationships. The answer is clearly structured, logical, and presented in literary language using scientific terminology. There may be some shortcomings or minor errors, which the student corrected with the teacher's assistance. The student demonstrates an average, advanced level of competence. The midterm assessment has been passed.	C	90-81	AVERAGE
A complete, detailed answer to the question was provided, demonstrating the ability to identify essential and nonessential characteristics and cause-and-effect relationships. The answer is clearly structured, logical, and presented in scientific terms. However, minor errors or omissions were made, which the student corrected with the help of the instructor's probing questions. The student demonstrates an average, sufficient level of competency development. The midterm assessment has been passed.	D	80-76	
The answer to the question was complete but not entirely consistent, demonstrating the ability to identify essential and nonessential characteristics and cause-and-effect relationships. The answer is logical and presented in scientific terms. One or two errors in defining key concepts may be present, which the student has difficulty correcting independently. The student demonstrates a low level of competence development. The midterm assessment has been passed.	E	75-71	LOW
The answer provided is insufficiently comprehensive and incomplete. The logic and sequence of presentation are flawed. Errors were made in the definition of concepts and the use of terms. The student is unable to independently identify essential and nonessential features and cause-and-effect relationships. The student can only concretize generalized knowledge, demonstrating its main points with examples, with the help of the teacher. The student's speech requires correction and adjustment. The student demonstrates an extremely low level of competence development. The midterm assessment has been passed.	E	70-66	
The answer provided is incomplete, with significant flaws in the logic and sequence of presentation. Significant errors were made in defining the essence of the concepts, theories, and phenomena being discussed, due to the student's lack of understanding of their essential and nonessential characteristics and relationships. The answer lacks conclusions. The ability to identify specific manifestations of generalized knowledge is not demonstrated. The student's verbal presentation requires correction and adjustment. The student demonstrates a threshold level of competency development. The midterm assessment has been passed.	E	65-61	THRESHOLD
The answer provided is incomplete, representing fragmented knowledge on the topic of the question with significant definitional errors. The presentation is fragmentary and illogical. The student does not understand the connection between this concept, theory, or phenomenon and other subjects covered in the course. Conclusions, specificity, and evidence are lacking. 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	Fx	60-41	COMPETENCE ABSENT

posed but also to other questions in the course. Competence is absent. The midterm assessment has not been passed.			
No answers were received to the course's core questions. The student does not demonstrate indicators of competency development. Competency is absent. Midterm assessment failed.	F	40-0	

4. Calculating the Final Rating for a Course

The final grade for a course (Rd) is calculated using the formula:

$$R_d = (R_{\text{preliminary}} + R_{\text{midterm assessment}}) / 2$$

The final grade, calculated on a 100-point scale, is converted to a 5-point scale according to Table 6.

Table 6

Final Grade for a Course

Rating on a 100-point scale	Rating on a 5-point scale		Value ECTS
96-100	5	excellent	A
91-95			B
81-90	4	good rating	C
76-80			D
61-75	3	satisfactory	E
41-60	2	not satisfactory	Fx
0-40			F

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