

Criteria and evaluation order of educational outcomes

The assessment of success in the educational component "Laboratory diagnostics" is a rating, presented on a multi-point scale and defined according to the ECTS system and the traditional scale adopted in Ukraine.

Total points for the discipline of all educational activities	ECTS	Mark by national scale	
		Mark	Credit
90 -100	A	perfectly	pass
82 -89	B	fine	
74 - 81	C	satisfactorily	
64 - 73	D		
60 -63	E	unsatisfactorily	fail
35 - 59	FX		
1 -34	F		

Current educational activity is monitored in classes in accordance with specific goals and during the individual work of the teacher with students. The means of diagnosing the level of preparation are a frontal and individual survey. The following means of diagnosing the level of training of higher education applicants are also used: computer testing or oral (written) survey, performance of tasks in a workbook.

Evaluation criteria for practical classes

0 – 4 – answers to test tasks or an oral (written)

«4» - the student of higher education provided answers to 81-100% of the tests or the maximum score for the task is given with a correct complete answer or with some inaccuracies to the questions (81-100%).

«3» - the student of higher education answered 61-80% of the tests, the answer is incomplete or with errors, the score for the task corresponds to the part of the correct answer (61-80%).

«2» - the student of higher education provided answers to 41-60% of the tests or the answer is incomplete or with errors, the score for the task corresponds to the part of the correct answer (41-60%).

«1» - the student of higher education provided answers to 10-40% of the tests or the answer is incomplete or with errors, the point for the task corresponds to the part of the correct answer (10-40%).

«0» - the student of higher education answered less than 10% or did not complete any task.

When evaluating the answer to the question, the correctness of definitions, indicators, units of measurement, parameters, enumeration of criteria, explanation of processes is evaluated. If there is an error during the response that affects the subsequent response, the task is considered to be performed incorrectly from this point.

0 – 1 – filling in the workbook

«1» - the student of higher education completed 50-100% of the tasks.

«0» - the student of higher education completed less than 50% of the tasks, or did not complete any tasks.

When evaluating the performance of tasks, the correctness of definitions and answers to questions is evaluated. If there is an error during the response that affects the subsequent response, the task is considered to be performed incorrectly from this point.

The total points for the class is given as the sum of points for several types of work.

The points on any topic of the **routine testing and self-learning work** must be at least 3 out of the maximum (**Grading Scheme**).

Grading Scheme

Routine testing and self-learning work										Сума
CM 1					CM 2					
T1	T2	T3	T4	K3M1	T5	T6	T7	T8	K3M2	100
5	5	5	5	30	5	5	5	5	30	

Conditions for admission to semester control: current rating of 60 or more points, absence of unworked absences of practical classes, fulfillment of all requirements stipulated by the work program of the educational component.

Evaluation criteria for content modules (CM):

- It is evaluated at a maximum of 30 points.
- CM is considered enrolled if the student of higher education scored 18 or more points.

The structure of a card to CM:

✓ 10 MCQs, one correct answer to a question is worth 2 points;

✓ 1 a situational task for which 0 to 10 points are awarded:

10,0 – is awarded to a student of higher education who correctly formulated the algorithm for solving the problem, correctly wrote down the calculation formula, substituted numerical values without errors, correctly indicated the units of measurement of physical and chemical quantities, formulated the answer to the problem and estimated the obtained quantity.

6,0 – is awarded to a student of higher education who correctly formulated the algorithm for solving the problem, wrote down the calculation formula correctly, substituted numerical values without errors (perhaps he made a mistake during calculations), correctly indicated the units of measurement of physicochemical quantities, made minor errors when formulating the answer to the problem, but correctly estimated the obtained value.

3,0 – is awarded to a student of higher education who incorrectly formulated the algorithm for solving the problem, wrote down the calculation formula correctly, incorrectly substituted numerical values (perhaps made a mistake during calculations), incorrectly indicated the units of measurement of physicochemical quantities, made minor errors when formulating the answer to the problem, but correctly estimated the obtained value.

0 – is awarded to a student of higher education who, when solving the problem, revealed serious gaps in knowledge of the educational material, made fundamental mistakes, incorrectly applied calculation formulas, did not specify, or incorrectly specified the units of measurement of physico-chemical quantities; the physico-chemical value he obtained is beyond the permissible limits.

The total number of points for studying CM 1 consists of the points received by the student of higher education during the study of all topics of the content module and is: the maximum number - 50 points, the minimum passing score - 30 points.

The total number of points for the study of CM 2 consists of the points received by the student of higher education during the study of all topics of the content module and is: the maximum number is 50 points, the minimum passing score is 30 points.

Conditions for admission to semester control: current rating of 60 or more points, absence of unworked absences of practical classes, fulfillment of all requirements stipulated by the work program of the educational component.

Provided that the applicant completes all types of educational work provided for in the work program (mastery of lecture material, completion of tasks for independent work) and a current rating of at least 60 points, the applicant receives a semester credit for the educational component.

Forms of progress and semester supervision of academic achievements: Semester credit