

Methods and tools of standardized assessment of current and final educational activity in the discipline of "Orthodontics" for students of IV course of specialty "Dentistry"

The forms of control and the system of assessment are carried out in accordance with the requirements of the discipline program and instructions on the system of evaluation of students' educational activity in the credit transfer system of the educational process approved by the Ministry of Health of Ukraine (2014).

Types of control: The current control is carried out in the form of oral questioning and writing test tasks.

Form of final control according to the syllabus: Differentiated credit (writing 80 test tasks)

Assessment criteria: Control measures include current and final semester control.

Current control is carried out during the training sessions and is aimed at checking students' mastering of educational material.

Evaluation of current educational activities. During assessment of mastering of each topic for the current educational activity of the student grades on a 4-point system (traditional) scale are given taking into account the approved evaluation criteria for the respective discipline. This takes into account all types of work provided by the curriculum. The student must receive a grade on each topic. Forms of assessment of current educational activities are standardized and include control of theoretical and practical training.

Exposed on the traditional scale at the end of the semester are converted into points.

The maximum number of points that a student can earn for his / her current educational activity while studying the discipline is 120 points.

The minimum number of points that a student must earn for his / her current academic activity to enroll in the discipline is 72 points.

Criteria for evaluation of students' current educational activity:

Excellent ("5") - student correctly answered 90-100% of tests, perfectly mastered theoretical material, demonstrates deep and comprehensive knowledge of the relevant topic or discipline, the basic provisions of scientific sources and recommended literature, logically thinks and builds the answer, freely uses the answer theoretical knowledge in the analysis of practical material, expresses his attitude to certain problems, demonstrates a high level of mastering practical skills.

Good ("4") - the student correctly answered 70-89% of tests, well mastered theoretical material, has basic aspects of primary sources and recommended literature, justifies it; has practical skills, expresses his views on these or other problems, but assumes certain inaccuracies and errors in the logic of theoretical content or in the analysis of practical.

Satisfactory ("3") - Student correctly answers 50-69% of tests. Mainly mastered theoretical knowledge of the subject or discipline, focuses on primary sources and recommended literature, but unconvincingly answers, additional questions cause the student uncertainty or lack of stable knowledge; answering practical questions, reveals inaccuracies in knowledge, is not able to evaluate facts and phenomena, to relate them to future activities.

Unsatisfactory ("2") - student answers less than 50% of tests, has not mastered the educational material of the topic (discipline), has no scientific facts, definitions, almost does not orient in the primary sources and recommended literature, lacks scientific thinking, practical skills are not formed .

The calculation of the number of points is made on the basis of student's scores on the traditional scale during the study of discipline during the semester by calculating the arithmetic mean (CA), rounded to two decimal places. The resulting value is converted to scores on a multicolor scale as follows:

$$X = \frac{CA \times 120}{5}$$

Recalculation of the average score for the current activity into a multi-scale scale for disciplines ending in credit (differentiated credit)

4-point scale	200-point scale
5	200
4.97	199
4.95	198
4.92	197
4.9	196
4.87	195
4.85	194
4.82	193
4.8	192
4.77	191
4.75	190
4.72	189
4.7	188

4- point scale	200- point scale
4.45	178
4.42	177
4.4	176
4.37	175
4.35	174
4.32	173
4.3	172
4.27	171
4.24	170
4.22	169
4.19	168
4.17	167
4.14	166

4- point scale	200- point scale
3.92	157
3.89	156
3.87	155
3.84	154
3.82	153
3.79	152
3.77	151
3.74	150
3.72	149
3.7	148
3.67	147
3.65	146
3.62	145

4- point scale	200- point scale
3.37	135
3.35	134
3.32	133
3.3	132
3.27	131
3.25	130
3.22	129
3.2	128
3.17	127
3.15	126
3.12	125
3.1	124
3.07	123

4.67	187
4.65	186
4.62	185
4.6	184
4.57	183
4.52	181
4.5	180
4.47	179

4.12	165
4.09	164
4.07	163
4.04	162
4.02	161
3.99	160
3.97	159
3.94	158

3.57	143
3.55	142
3.52	141
3.5	140
3.47	139
3.45	138
3.42	137
3.4	136

3.02	121
3	120
<3	insufficient

The module score is defined as the sum of the assessments of current educational activity (in points) and the assessment of final control (in points), which is exposed when assessing theoretical knowledge and practical skills according to the lists determined by the discipline program.

The maximum number of points awarded to students in mastering all topics of the module (credit credit) - 200, including 120 points (60%) for the current educational activity, and 80 points (40%) for the results of final control.

Assessment of student's independent work.

Assessment of students' independent work, which is provided in the topic of independent work, is carried out by current control during the practical classes during the cycle, and its assimilation is controlled during the final control.

Final control (exam)

It is conducted in order to evaluate the learning outcomes at a particular educational qualification level and at some of its completed stages according to the national scale and the ECTS scale. The final control includes semester control and certification of the student and is determined by the work program in terms set by the work curriculum, the individual curriculum of the student.

The exam is a form of final control of the student's acquisition of theoretical and practical material from a separate discipline for the semester, which is conducted as a control measure. A student is considered to be admitted to the exam if he / she has attended all the classes provided by the discipline in the classroom, completed all types of work provided by the work program of this discipline, and during its study during the semester scored at least a minimum (72 points).

The exam is written in the last lesson and includes 80 test papers weighing 1 point each.

The form of the exam must be standardized and include control of theoretical and practical training.

The maximum number of points that a student can earn when taking the exam is 80.

The minimum score for the exam is at least 50.

Determining the number of points a student has earned from a discipline

Assessment from the discipline that completes the exam is defined as the sum of points for the current study activity (at least 72) and points for the exam (at least 50 points)

The ECTS score is not converted to the traditional scale because the ECTS scale and the four-point scale are independent.

The objectivity of the evaluation of student learning activity is checked by statistical methods (the correlation coefficient between the ECTS grade and the national scale grade).

Responsible person for the course

Assoc. Prof. Dubetska-Hrabous I.S.