Criteria for Assessing Students' Learning Outcomes

at the Department of Pharmaceutical Chemistry with a Course in Advanced Training and Retraining

FOR THE COURSE "MODERN METHODS OF ANALYSIS AND STANDARDIZATION OF MEDICINES"

Specialty 1-79 01 08 "Pharmacy"

10 points (ten), passed:

systematic, in-depth and comprehensive knowledge of all sections of the curriculum of the course "Modern Methods of Analysis and Standardization of Medicinal Products," as well as of the main issues beyond the scope of the course;

accurate use of scientific terminology, including terminology in a foreign language, recommended by the course curriculum;

competent and logically structured presentation of answers to questions, ability to draw well-founded conclusions and make generalizations;

excellent command of the tools and methods of the course "Modern Methods of Analysis and Standardization of Medicinal Products" and ability to use them effectively in formulating and solving scientific and professional problems;

pronounced ability to independently and creatively solve complex problems in non-standard situations;

complete and in-depth mastery of the core and supplementary literature on the course, as well as literature on quality assurance and the circulation of medicinal products beyond the scope of the curriculum;

ability to navigate freely in the theories, concepts and areas of the course, provide their analytical assessment, and apply scientific achievements from other disciplines;

creative independent work during laboratory classes, active and creative participation in group discussions, and a high level of quality in performing assignments.

9 points (nine), passed:

systematic, in-depth and comprehensive knowledge of all sections of the course;

accurate use of scientific terminology, including terminology in a foreign language, and competent, logically structured presentation of answers to questions related to the course;

command of the tools and methods of the course and ability to use them effectively in formulating and solving scientific and professional problems;

ability to independently and creatively solve complex problems in non-standard situations within the course curriculum;

complete mastery of the core and supplementary literature recommended by the course curriculum on quality assurance and the circulation of medicinal products;

ability to navigate the theories, concepts and areas covered by the course curriculum;

systematic and active independent work during laboratory classes, creative participation in group discussions, and a high level of quality in performing assignments.

8 points (eight), passed:

systematic, in-depth and comprehensive knowledge of all sections of the course curriculum;

use of scientific terminology, including terminology in a foreign language, related to the course; competent and logically structured presentation of answers, ability to draw well-founded conclusions and make generalizations;

command of the tools and methods of the course and ability to use them in formulating and solving scientific and professional problems;

ability to independently solve complex problems within the course curriculum;

mastery of the core and supplementary literature recommended by the course curriculum on quality assurance and the circulation of medicinal products;

ability to navigate the theories, concepts and areas of the course and provide their analytical assessment;

active independent work during laboratory classes, systematic participation in group discussions, and a high level of quality in performing assignments.

7 points (seven), passed:

systematic, in-depth and comprehensive knowledge of all sections of the course curriculum;

use of scientific terminology, including terminology in a foreign language, within the course curriculum; competent and logically structured presentation of answers, ability to draw well-founded conclusions and make generalizations;

command of the tools and methods of the course and ability to use them in formulating and solving scientific and professional problems;

confident command of standard solutions within the course curriculum;

mastery of the core and supplementary literature recommended by the course curriculum on quality assurance and the circulation of medicinal products;

ability to navigate the main theories, concepts and areas covered by the course curriculum and provide their analytical assessment;

independent work during laboratory classes, participation in group discussions, and a high level of quality in performing assignments.

6 points (six), passed:

sufficiently comprehensive and systematic knowledge within the scope of the course curriculum;

use of the necessary scientific terminology related to the course, competent and logically structured presentation of answers, ability to make generalizations and well-founded conclusions;

command of the tools and methods of the course and ability to use them in solving academic and professional problems;

ability to independently apply standard solutions within the course curriculum;

mastery of the core literature recommended by the course curriculum on quality assurance and the circulation of medicinal products;

ability to navigate the basic theories, concepts and areas of the course and provide their comparative assessment;

active independent work during laboratory classes, periodic participation in group discussions, and a high level of quality in performing assignments.

5 points (five), passed:

sufficient knowledge within the scope of the course curriculum;

use of scientific terminology related to the course, competent and logically structured presentation of answers, ability to draw conclusions;

command of the tools and methods of the course and ability to use them in solving academic and professional problems;

ability to independently apply standard solutions within the course curriculum;

mastery of the core literature recommended by the course curriculum on quality assurance and the circulation of medicinal products;

ability to navigate the basic theories, concepts and areas of the course and provide their comparative assessment;

independent work during laboratory classes, occasional participation in group discussions, and a sufficient level of quality in performing assignments.

4 points (four), passed:

sufficient knowledge acquired during laboratory classes in the course;

mastery of the core literature recommended by the course curriculum on quality assurance and the circulation of medicinal products;

use of scientific terminology related to the course, logical presentation of answers, and ability to draw conclusions without significant errors;

command of the tools and methods of the course;

ability to solve standard (typical) problems in the course under the guidance of an instructor;

ability to navigate the main theories, concepts and areas of the course and provide their assessment;

work under the guidance of an instructor during laboratory classes and an acceptable level of quality in performing assignments.

3 points (three), failed:

insufficiently comprehensive knowledge within the scope of the course curriculum;

knowledge of part of the core literature recommended by the course curriculum;

use of scientific terminology and presentation of answers to questions related to the course with significant logical errors;

poor command of the tools and methods of the course and inability to solve standard (typical) problems;

inability to navigate the main theories, concepts and areas of the course;

passivity during laboratory classes and a low level of quality in performing assignments.

2 points (two), failed:

fragmentary knowledge within the scope of the course curriculum;

knowledge of individual literature sources recommended by the course curriculum;

inability to use scientific terminology related to the course;

passivity during laboratory classes and a low level of quality in performing assignments.

1 point (one), failed:

absence of knowledge and competencies within the scope of the course curriculum, refusal to answer, or failure to attend the assessment without a valid reason.

Discussed and approved at Department Meeting No. 1 dated August 31, 2026.

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