

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY

Department of Propedeutics of Internal Medicine №2 and Nursing

Academic year 2022-2023

SYLLABUS OF THE EDUCATIONAL COMPONENT

"Practical training in the basics of nursing"

Normative educational component

The format of the educational component is full-time

Field of knowledge 22 "Health care"

Specialty "223 "Nursing"

Educational and professional program "Nursing"


First (bachelor's) level of higher education

Second year (four years of study)

The syllabus of the educational component was considered at the meeting of the Department of Propedeutics of Internal Medicine No. 2 and Nursing

Protocol of
June 14, 2022 No. 11


Acting Head of the Department


Associate Prof. Pionova O. M.
(signature) (surname and initials)

Approved by methodical commission of KhNMU
on problems of the therapeutic profile

Protocol of
August 25, 2022 No. 1

Head of commission


Professor Kravchun P.P.
(signature) (surname and initials)

DEVELOPERS OF THE SYLLABUS:

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DATA ON TEACHERS WHO TEACH THE EDUCATIONAL COMPONENT

Last name, first name, patronymic, position, academic title, academic degree

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Information about consultations Face-to-face consultations: according to the department's schedule at the department's base - regional clinical hospital by prior arrangement. Online consultations: by prior arrangement with the teacher using the resources of the Moodle system. (<http://31.128.79.157:8083/login/index.php>)

Location. Venue for lectures and practical classes: lecture hall and classrooms of the Department of Propedeutics of Internal Medicine #2 and Nursing, 3 Trinkler St.

Classes: Monday, Tuesday, Wednesday, Thursday, Friday (900-1150/13 20-1710 according to the schedule);

INTRODUCTION

The syllabus of the educational component "Practical training in the basics of nursing" is compiled in accordance with the educational and professional program "Nursing" and the Standard of Higher Education of Ukraine, first (bachelor's) level, field of knowledge 22 "Health care", specialty 223 "Nursing"

Description of the educational component (summary) Practical training in nursing is an integral part and continuation of the educational component "Fundamentals of Nursing". The internship program involves improving practical skills in general patient care and meeting patient needs, planning and implementing the nursing process, and mastering manipulation techniques. Practical training includes mainly independent work of higher education students, which includes mastered practical skills; work in the library, writing a nursing history of a patient's illness, conducting sanitary and educational work, working with medical records. During the period of practical training, students work as nurse assistants in specialized departments of health care facilities. During the internship, higher education students get acquainted with the work of the reception and other departments of the hospital, laboratories, X-ray room, manipulation room, study the job responsibilities of a nurse at each workplace, orders of the Ministry of Health of Ukraine regulating the work of the hospital to comply with the sanitary and anti-epidemic regime.

The subject of study of the educational component "Practical training in the basics of nursing" is a set of measures aimed at creating favorable conditions for the successful treatment of patients, including the sick, alleviating their condition and meeting the basic physiological needs of the body.

Prerequisites and post-requisites: According to the curriculum, "Practical training in the basics of nursing" is conducted in the 4th semester, when the applicant for higher education has acquired relevant knowledge of the basic basic disciplines: medical biology, medical and biological physics, human anatomy, physiology, medical and bioorganic chemistry, microbiology, virology, pathomorphology and pathophysiology, pharmacology, basics of nursing. In turn, the practice "Industrial practice in the basics of nursing" forms the basis for further study of clinical disciplines (nursing in internal medicine, clinical nursing, etc.), which involves integration with these disciplines "vertically" and the formation of skills to apply knowledge of nursing in the process of further education

and in professional activities. Link to the page of the educational component in MOODLE <https://distance.knmu.edu.ua/my/>

1. AIM AND OBJECTIVES OF THE EDUCATIONAL COMPONENT

1.1. The purpose of studying the educational component is to summarise the content of the acquired education and to organically to integrate the acquired knowledge, skills and abilities with the real conditions of their application. This practice is an integral part of the training and objective final assessment of the professional aptitude and skills of the future bachelor of medicine, helps to understand his/her place in the overall structure of national health care.

1.2. The main objectives of the educational component "Practical training in nursing" are:

- deepening and systematization of theoretical knowledge on the basics of nursing;
- improvement of practical skills and abilities to observe and care for patients;
- to conduct a nursing examination, to form a nursing diagnosis;
- plan, implement and evaluate the results of the nursing process;
- maintain appropriate documentation;
- perform skills in monitoring and caring for the patient;
- develop skills of communication with patients and their relatives in accordance with medical ethics and deontology.

The work of higher education students in the department is regulated by the job responsibilities at each workplace and should be aimed at the independent implementation of mandatory practical skills, the implementation of the nursing process in therapeutic departments according to the Virginia Henderson model.

RESPONSIBILITIES OF THE HIGHER EDUCATION STUDENT

- - Before starting the internship, the higher education student must receive an assignment to the internship, its program and diary from the internship supervisor.
- - Before starting the internship at the internship site, the student must undergo a safety briefing.
- - The work schedule established for the employees of the practice site is mandatory for higher education students undergoing industrial practice. For violation of labor discipline and internal labor regulations, the higher education student is disciplined by the administration of the practice site.
- The higher education student is obliged to fulfill the practice program in good faith, try to expand their knowledge and skills; perform tasks and instructions of the supervisor from the practice base aimed at mastering the skills of the activity.
- One of the responsibilities of a higher education student intern is:
 - keeping a diary of practice, which reflects the results of the work performed;
 - to appear on time at the internship site;
 - study and strictly follow the rules of labor protection, safety and industrial sanitation;
 - comply with the internal regulations of the health care facility, labor discipline and principles of medical ethics and deontology;
 - to study the functional duties of a nurse of different structural units, to be responsible for the assigned work and its results on a par with the staff nurses of the health care facility;
 - perform all tasks provided by the program of industrial practice;
 - to take an active part in the social life of the staff of the health care facility;
 - conduct sanitary and educational work with patients and their environment.

RESPONSIBILITIES OF THE METHODOLOGICAL SUPERVISOR OF THE PRACTICE

- The supervisor of the internship is obliged to timely hand over the programme, referral and conduct general briefing to the higher education students. The supervisor must accompany the higher education students to the practice site, introducing them to the supervisor from the practice

site and make sure that the practice starts on time and without obstacles. to communicate with the supervisors (general and direct) of the final practice from the health care facility:

- - to draw up a schedule of internships for higher education students in accordance with the programme;
- - to participate in the assignment of higher education students to workplaces;
- - supervise the implementation of the internship programme, diary keeping and work discipline;
- - to keep records of attendance of higher education students at internships;
- - to provide methodological assistance in performing manipulations, monitoring and caring for patients;
- check the performance of independent work by higher education students;
- to practice holding seminars and conferences with higher education students on the topic of final practice;
- to inform the educational part of the SHEI "University of Medicine and Natural Sciences" about the progress of industrial practice at the bases;
- participate in the final assessment of higher education students based on the results of the internship.
- Checks reports on practice and participates in the commission.
- Systematically informs the department about the progress of the practice, and after its completion makes a written report on the results of the practice, expresses comments and suggestions for improving the practical training of nursing specialists.

RESPONSIBILITIES OF THE HEAD OF PRACTICE FROM THE PRACTICE BASE (Medical and preventive institution)

Create conditions for the direct and high-quality implementation of the practice program by higher education students. Provide methodological guidance and assistance to higher education students in obtaining the necessary materials to complete the practice program. To control the work of higher education students and their compliance with labor discipline, to keep records of entering the practice. To check reports on practice, give written characteristics of higher education students with an assessment of their attitude to work, compliance with labor discipline, level of theoretical and practical training.

At the end of the internship, the higher education student is obliged to submit a report to the educational institution, which contains information about the institution where the internship was conducted, the internship diary and individual tasks for independent work.

1.3. Competencies and learning outcomes contributed to by the discipline (relationship with the normative content of higher education training formulated in terms of learning outcomes in the EPP and the Standard).

1.3.1 The study of the educational component ensures that higher education students acquire competencies:

In accordance with the requirements of the standard, the discipline ensures the acquisition of higher education competences:

- Integral:

the ability to solve typical and complex specialised tasks and practical problems in professional activities in the field of health care, or in the process of learning, which involves research and/or innovation and is characterised by complexity and uncertainty of conditions and requirements.

- General:

GC 01. Ability to exercise their rights and responsibilities as a member of society, to understand the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine.

GC 02. Ability to preserve and enhance the moral, cultural, scientific values and achievements of society based on an understanding of the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technology, to use various types and forms of physical activity for active recreation

and healthy lifestyle.

GC 03. Ability to think abstractly, analyze and synthesize

GC 04. Ability to apply knowledge in practical situations

GC 09. Determination and perseverance in tasks and responsibilities

GC 10. Ability to make informed decisions

GC 11. Ability to work in a team

GC 12. Interpersonal interaction skills

- Special (professional, subject):

PC 01. Ability to apply professional and legal standards in everyday professional practice.

PC 02. Ability to recognize and interpret signs of health and its changes, illness or disability (assessment / diagnosis), disability and identify patient problems in various diseases and conditions.

PC 03. Ability to meet the needs of the patient/client during different periods of the whole life (including the dying process) by planning, assisting and performing nursing interventions, evaluating and adjusting individual care plans created in collaboration with the patient/client, caregivers, family members and other health and social workers.

PC 04. Application of professional skills (abilities), medical means, interventions and actions to ensure the patient/client's dignity, privacy (intimacy), confidentiality, protection of their rights, physical, psychological and spiritual needs on the basis of transcultural nursing, tolerant and nonjudgmental behavior.

PC 05. Ability to effectively apply a set of nursing skills (abilities), medical products, interventions and actions to provide care based on a holistic approach, taking into account the satisfaction of the patient's needs for comfort, nutrition, personal hygiene and the ability of the person to meet their daily needs.

PC 06. Ability to effectively apply a set of professional skills (abilities), medical means, interventions and actions in assessing the functional status of patients/clients, preparing them for diagnostic tests and collecting biological material for laboratory tests.

PC 07. Preservation of the specialist's own health when providing care, performing manipulations and procedures, moving and transporting a patient/client.

PC 08. Preventive activities of the nurse aimed at maintaining and promoting health, preventing diseases, informing, and educating the patient and his/her family members.

PC 16. Ability to organize and manage the relevant structural unit (leadership and management)

1.3.2. The study of the educational component ensures that higher education students acquire the following program learning outcomes:

- PLO 1. Conduct nursing subjective and objective examination of various organs and systems of the patient and evaluate the data obtained.
 - In health care facilities (303) and at home, by communicating with patients of different ages, their relatives or relatives of a sick child and his parents, be able to collect complaints, medical history, anamnesis, allergic history, epidemiological history, evaluate anamnestic data.
 - PLO 2. Conduct nursing diagnostics: identify and assess patient problems.
 - In the conditions of 303, at home, predictable circumstances, be able to identify real patient problems, assess their priority and establish a nursing diagnosis.
 - PLO 3. Plan nursing interventions.
 - In the health care setting, at home and in unforeseen circumstances, be able to plan nursing interventions to address real and concomitant problems of patients of all ages.
 - PLO 4. To control the work of junior medical staff and the state of inventory.
 - In the conditions of 303 in accordance with the official duties, in order to comply with the sanitary and anti-epidemic regime, to be able to:
 - to train junior medical staff on the performance of functional duties and occupational safety; to monitor compliance with safety rules by junior medical staff;
 - supervise the work of junior medical staff; monitor compliance with internal regulations by staff and patients; monitor compliance with sanitary and hygienic measures in wards and medical offices.
 - PLO 5. To carry out nursing administration.
- In terms of 303, in order to implement organizational and managerial competencies, to be able to:

- make management decisions, ensure their implementation based on the application of models of nursing management;
- ensure the implementation of orders and regulations on health care issues;
- master the functional responsibilities of the head of nursing services;
- know the procedure for licensing and accreditation of health care facilities, laboratories of various profiles, etc.

PLO 6. To ensure a healthy microclimate in the team. Using the principles of nursing ethics and deontology, rules of interpersonal communication in order to create a favorable psychological climate, be able to

- communicate with the patient and members of his/her family or close environment, medical staff;
- solve ethical and deontological problems in the process of working with patients and their family members; consider and analyze professional mistakes in the team; conduct training for junior and technical staff.

PLO 7. To participate in the provision of observation of healthy and ill population, rehabilitation and dispensary supervision.

In 303 conditions, at home and in the community, using the current orders of the Ministry of Health of Ukraine, in order to form, maintain and improve the health status of adults and children, be able to

- keep records of dispensary groups of the population;
- to calculate and analyze statistical indicators of the effectiveness of dispensary examination;
- conduct explanatory work among patients of different dispensary groups;
- keep records of health groups;
- calculate and evaluate individual indicators and indicators of the complex effect of microclimate on the human body;
- determine the stages of medical and social rehabilitation of the patient, tasks for each stage;
- to develop a set of rehabilitation measures depending on the profile, course, period of the disease or injury;
- conduct a census of children's population.

PLO 8. Perform medical manipulations to ensure sanitary and anti-epidemic regime.

PLO 9. Properly perform medical procedures to ensure personal hygiene of the patient.

PLO 10. Perform the simplest methods of physiotherapy.

PLO 11. Coordinate actions by combining several skills to ensure patient nutrition.

PLO 12. Properly perform medical manipulations in order to take measures to stabilize the functional state of the body.

PLO 14. To be able to prepare a patient, to collect and send biological material for laboratory and instrumental research.

PLO 16. Ability to perform interdependent nursing functions with accuracy.

PLO 17. Plan and implement preventive and anti-epidemic measures against infectious diseases.

PLO 20. Properly maintain appropriate medical records

1.3.3 The study of the educational component ensures that higher education students acquire the following social skills (**Soft skills**):

- Communication skills
- Ability to work in a team, communicate with people and manage conflicts

Ability to evaluate and analyze situations

- Ability to organize, plan and effectively execute projects and tasks

- Ability to perform work professionally and responsibly

- Ability to demonstrate emotional intelligence in interactions with colleagues, clients, and supervisors, a sense of tact and timely response.

INFORMATION SCOPE OF THE EDUCATIONAL COMPONENT

2.1 Description of the educational component

Name of indicators	Field of knowledge, field of study, educational qualification level	Characteristics of the educational component
		full-time form of study
Number of credits –4,5	Field of study 22 "Health care"	Normative
Total number of hours - 135	Specialty: 223 "Nursing"	Year of preparation:
		2
		Semester
		4
Hours for full-time study: classroom -27 of independent work by a higher education applicants -108	Educational qualification level: First (bachelor's)	Lectures
		0
		Practical
		27 hours.
		Independent work
		108 hours.
		Individual tasks.
		Type of control: differentiated credit

2.2.1 Lectures - not provided

2.2.2 Seminars - not provided by the program

2.2.3 Practical classes

№	Topic	Number of hours	Teaching methods	Forms of control
1	Moral, ethical and legislative principles of nursing in Ukraine. Organization of work and responsibilities of a nurse in the main structural units of a therapeutic hospital. Documentation to be filled out by a nurse and the rules for its maintenance	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
2	Types of health care facilities. Basic principles and organizational principles of the nursing process in therapeutic departments. Legal and regulatory documents that ensure the work of a nurse. Structure and functions of a therapeutic hospital	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations,	oral survey (individual and frontal); written survey; test control;

			delegation of authority,	
3	Infection safety. Sanitary and anti-epidemic regime of healthcare facilities Infection safety. Disinfection. Modern cleaning Infection control. Sterilisation. Asepsis, antisepsis	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
4	Nursing models and process. Stages of the nursing process	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
5	Participation of the nurse in monitoring the general condition of the patient and the rules for determining the main indicators of his vital signs (body temperature, respiratory rate, pulse, blood pressure)	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
6	Nursing process and satisfaction of physiological needs of the patient in case of pathology of internal organs	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
7	Organisation of work and responsibilities of the nurse in the manipulation room Use of basic types of medicines	4	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
8	General and special care for seriously ill and	2	Presentations,	oral survey

	agonising patients		videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	(individual and frontal); written survey; test control;
9	Responsibilities of a nurse in ensuring the diagnostic process in a therapeutic hospital. Participation of a nurse in laboratory tests and instrumental examinations of patients	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
10	Peculiarities of the work of the treatment room of the therapeutic department and the responsibilities of the nurse to ensure their maintenance	2	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control;
11	Differential credit. Summing up the results of the internship, checking the completed documentation - the internship diary and practical skills of the student	5	Presentations, videos, movies, discussions, simulation games, modeling of processes and situations, delegation of authority,	oral survey (individual and frontal); written survey; test control; control of practical skills, control of keeping a practice diary
	Total hours 27	27		

2.2.4. Laboratory classes - not provided by the program

2.2.5. Independent work

№	Topic	Number of hours	Teaching methods	Forms of control
1.	Familiarization with job descriptions and current orders regulating the professional activities of a nurse	4	Independent work in the therapeutic department, videos, movies, discussion,	creative tasks; individual tasks; abstracts; annotations; mutual control;

			modeling of processes and situations, independent work with information sources	self-control; report;
2.	Mastering the practical skills given in the plan of practical training of a higher education student	20	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
3.	Completion of the main reporting documentation - the Diary of practical training and the Final report	6	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
4.	Work in the reception department	6		
5.	Performing the duties of a nurse in the manipulation room. Sanitary and epidemiological regime of the manipulation room. Methods and techniques for taking a complete blood count, blood sugar test, biochemical and bacteriological tests. Technique of performing subcutaneous, intramuscular, intravenous injections. Features of the administration of antibacterial drugs	20	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
6.	Preparation of patients for gastroscopy, rectoromanoscopy, colonoscopy, ultrasound examination of the abdominal cavity. Preparation and conduct of gastric and duodenal probing. Gastric lavage.	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
7	Preparation of patients and the necessary equipment for fecal examination for helminth eggs, occult blood, and coprogram. Rules for taking a urine sample for examination according to Zimnitsky's	4	Working at the bedside of a patient, video clips, video films,	abstracts; annotations; self-control; report; speech on a given

	methods.		independent work with information sources.	topic, keeping a practice diary
8	The main types of enemas and the rules for their use.	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
9	Work in the treatment room of the therapeutic department Rules for using pocket and stationary inhalers. Methods and techniques of humidified oxygen supply	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
10	Weekly observation of a patient with a fever, filling out a temperature sheet, determining the type of fever and presenting the case in class	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
11	Meeting the patient's nutritional and feeding needs.	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
12	Solving patient's problems with pathology of the cardiovascular system	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary

13	Solving the problems of patients with respiratory pathology	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
14	Solving the problems of patients with pathology of the digestive system	4	Working at the bedside of a patient, video clips, video films, independent work with information sources..	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
15	Solving problems of patients with pathology of the urinary system	4	Working at the bedside of a patient, video clips, video films, independent work with information sources.	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
16	Solving the problems of seriously ill and agonizing patients	4	Working at the bedside of a patient, video clips, video films, independent work with information sources..	abstracts; annotations; self-control; report; speech on a given topic, keeping a practice diary
16	Preparation for differential testing	8	Working at the bedside of a patient, video clips, video films, independent work with information sources.	oral examination (individual and frontal); written examination; test control; control of practical skills, control of keeping a practice diary
	Total	108		

Independent work is the main place in the internship of higher education students. Since during the internship students get acquainted with the clinic and communicate directly with patients, the working day of the student consists of eight hours:

During the internship, it is recommended that the supervisors of the internship hold consultations with the students. Their topics should be diverse and correspond to the content of the program. It is also suggested to study the current orders and instructions of the Ministry of Health of Ukraine. The subject of consultations is compiled by the educational institution individually, and the time of the consultation is determined by the schedule (the day and time of the consultation is indicated).

During the internship, higher education students must study all instructional letters, current orders of the Ministry of Health of Ukraine and local authorities. Familiarize yourself with periodicals, newspapers, journals on medicine and pedagogy, and other literature.

Teaching methods: lecture, narration-explanation, conversation, demonstration, presentation, videos, videos, discussion, round table, business, role-playing, simulation game, modeling of processes and situations, delegation of authority, case method, debate, sparring partnership (learning in pairs),

Control methods:

Current control: oral questioning (individual and frontal); written questioning; test control; creative tasks; individual tasks; abstracts; annotations; mutual control; self-control; report; speech on a given topic;

Final control: differential credit

3. EVALUATION CRITERIA

3.1 Evaluation of the success of education of applicants for education is carried out based on the current "Instruction on evaluation of educational activities of applicants for education of KhNMU"

Organization of assessment of current control. Mastering the topic (current control) is controlled in a practical lesson in accordance with specific goals. The following means of assessing the level of training of higher education applicants are used: solving situational problems, interpreting and evaluating the results of laboratory tests, analyzing and evaluating the results of instrumental studies and parameters characterizing the functions of the human body, controlling the mastery of practical skills. The final examination (FE) is mandatory in accordance with the program of the educational component during the semester according to the schedule, during classes. The teacher of the academic group is responsible for accepting the exam. Grading is based on the traditional 4-point system: "excellent", "good", "satisfactory" and "unsatisfactory".

Criteria for evaluating the results of educational activities of students in the disciplines

Assessment	Assessment criteria
"Excellent"	The applicant for higher education shows special creative abilities, is able to acquire knowledge independently, finds and processes the necessary information without the help of a teacher, is able to use the acquired knowledge and skills to make decisions in non-standard situations, convincingly argues answers, independently reveals his/her own talents and inclinations
"Very good"	The applicant for higher education is fluent in the studied amount of material, applies it in practice, freely solves exercises and problems in standard situations, independently corrects the mistakes made, the number of which is insignificant
"Good"	The higher education applicant is able to compare, summarize, systematize information under the guidance of a teacher; generally apply

	it independently in practice; control their own activities; correct errors, including significant ones, select arguments to support opinions
"Satisfactory"	The applicant for higher education reproduces a significant part of the theoretical material, shows knowledge and understanding of the main provisions; with the help of the teacher can analyze the educational material, correct errors, among which there are a significant number of significant
"Sufficient"	The higher education applicant has knowledge of educational material at a level higher than the primary level, reproduces a significant part of it at the reproductive level
"Unsatisfactory"	with the possibility of retaking the semester control The higher education student has the material at the level of individual fragments that make up a small part of the educational material
"Unsatisfactory"	with mandatory re-study for credit The higher education applicant has the material at the level of elementary recognition and reproduction of individual facts, elements, objects
In particular, criteria for assessing practical skills in disciplines	
"Excellent"	The applicant for higher education corresponds to a high (creative) level of competence: the applicant for higher education shows special creative abilities, demonstrates the performance of practical skills without errors and has systematic theoretical knowledge (knows the methodology for performing practical skills, indications and contraindications, possible complications, etc.
"Good"	The higher education applicant independently demonstrates the performance of practical skills, making some inaccuracies that are quickly corrected, has theoretical knowledge (knows the methodology for performing practical skills, indications and contraindications, possible complications, etc.)
"Satisfactory"	The higher education applicant demonstrates the performance of practical skills, making some mistakes that can be corrected by the teacher, has satisfactory theoretical knowledge (knows the basic provisions of the methodology for performing practical skills, indications and contraindications, possible complications, etc.)
"Unsatisfactory"	The student cannot demonstrate practical skills independently (performs them, making gross mistakes), does not have a sufficient level of theoretical knowledge (does not know the methodology for performing practical skills, indications and contraindications, possible complications, etc.)

Recalculation of the average grade for the current educational activity into a multi-point scale is carried out in accordance with the "Instructions for evaluating the educational activity of bachelor of nursing" or the average grade (to the nearest hundredth) for the teacher with the help of the ASU electronic journal automatically obtains ED.

Conversion of the average grade for the current control into a multi-point scale
(for disciplines that end with a differential test)

4-point scale	120-point scale	4-point scale	120-point scale
5	120	3.91-3,94	94
4.95-4,99	119	3.87-3,9	93
4.91-4,94	118	3.83- 3,86	92
4.87-4,9	117	3.79- 3,82	91

4.83-4,86	116	3.74-3,78	90
4.79-4,82	115	3.7- 3,73	89
4.75-4,78	114	3.66- 3,69	88
4.7-4,74	113	3.62- 3,65	87
4.66-4,69	112	3.58-3,61	86
4.62-4,65	111	3.54- 3,57	85
4.58-4,61	110	3.49- 3,53	84
4.54-4,57	109	3.45-3,48	83
4.5-4,53	108	3.41-3,44	82
4.45-4,49	107	3.37-3,4	81
4.41-4,44	106	3.33- 3,36	80
4.37-4,4	105	3.29-3,32	79
4.33-4,36	104	3.25-3,28	78
4.29-4,32	103	3.21-3,24	77
4.25- 4,28	102	3.18-3,2	76
4.2- 4,24	101	3.15- 3,17	75
4.16- 4,19	100	3.13- 3,14	74
4.12- 4,15	99	3.1- 3,12	73
4.08- 4,11	98	3.07- 3,09	72
4.04- 4,07	97	3.04-3,06	71
3.99-4,03	96	3.0-3,03	70
3.95- 3,98	95	Less than 3	Not enough

The minimum number of points that a higher education applicant must score for current activities while studying a section is 70 points, the maximum number of points is 120 points.

Assessment of independent work of higher education students. The independent work of the higher education applicant is the main one for the internship.

Evaluation of individual tasks of the applicant for higher education is carried out under the conditions of fulfillment of the teacher's tasks. Points (no more than 10) are added as incentives. The total amount of points for the current educational activity may not exceed 120 points.

The organization of the final control is a differentiated test. Admission to the differential test is determined in the points of the current learning activity, namely: min - 70, max - 120 points. Differentiated test is conducted by the teacher of the group responsible for organizing and conducting the practice, or by the commission in case of disagreement of the higher education applicant with the results of certification in accordance with the schedule of the examination session.

Differentiated credit

Differentiated credit in a discipline is a process during which the following are checked:

- level of mastery of practical skills;
- level of theoretical knowledge
- skills of independent work;
- competencies - the ability to synthesize the knowledge gained and apply it in solving practical problems.

Final control (differentiated test). is carried out upon completion of the study of the block of relevant topics at the last lesson

Higher education applicants who have attended all classroom (practical) classes provided for in the calendar (or have worked them in a timely manner), properly filled out the Diary (Appendix 1) and the Final Report (Appendix 2) and scored at least the minimum number of points for the current initial activity are allowed to take the differentiated test.

The differentiated test involves testing the theoretical knowledge of the higher education applicanta, demonstrating the performance of practical skills and solving situational tasks to model the

actions of junior medical staff in specific clinical situations.

The maximum number of points that a higher education student can receive during the final control is 80, the minimum positive grade in the differentiated test is 50 points, respectively.

Recommendations for conducting a differentiated test or exam:

During the differentiated test, the mastery of practical skills and theoretical knowledge is assessed according to the tickets prepared by the department, which include all topics of the discipline.

Table 2.

Evaluation criteria for differential assessment

Number of questions	«5»	«4»	«3»	Oral answer on tickets that include an assessment of practical skills and the theoretical part of the discipline	For each in 16.6 to 26.6 points, which corresponds to: "5" - 26.6 points "4" - 21.6 points; "3" - 16.6 points.
1	26,6	21,6	16,6		
2	26,6	21,6	16,6		
3	26,6	21,6	16,6		
	80	65	50		

Technology of discipline assessment

Evaluation of the results of studying disciplines is carried out immediately after the differential test. The grade in the discipline is defined as the sum of points for the IPA and differential credit and ranges from min - 120 to max - 200.

Grades are assigned on a 200-point scale, four-point (national) scale and ECTS scale

Grading on a 200-point scale	Grade on the ECTS scale	Grade on the four-point (national) scale
180–200	A	Excellent
160–179	B	Good
150–159	C	Good
130–149	D	Satisfactory
120–129	E	Satisfactory
Less 120	F, Fx	Unsatisfactory

A grade in a discipline is assigned only to higher education students who have passed all final examinations and differential tests.

Higher education applicants who have not fulfilled the requirements of the discipline curriculum are assigned a grade of FX if they were admitted to take a differentiated test or exam but did not pass it. Grade F is assigned to higher education students who are not allowed to take a differentiated test or exam.

Grades "FX" or "F" ("unsatisfactory") are assigned to higher education students who are not credited with the study of a discipline, the form of control of which is a test.

After completion of the discipline, the person responsible for organizing the educational and methodological work at the department or the teacher assigns the appropriate grade to the higher education student according to the scales (Table 3) in the academic record book and fills in the following information

If the differential test is not passed, the dates of retakes are set during the holidays, before the beginning of the next semester.

3.2. QUESTIONS FOR DIFFERENTIATED ASSESSMENT:

1. Patient's problems associated with impaired satisfaction of physiological needs.
2. Labor protection in health care facilities.
3. Sanitary and anti-epidemic regime: purpose, tasks, means of ensuring.
4. Problems of hospital-acquired infection.
5. Characteristics and methods of transmission of pathogens of hospital-acquired infection.
6. Infection safety.
7. Prevention of transmission of parenteral hepatitis viruses and HIV infection in health care facilities.
8. Types, methods and modes of disinfection in health care facilities.
9. Characteristics of modern disinfectants (disactin, sterilium, sulfochlorant, chlorantoin, etc.).
10. Preparation and use of disinfectant solutions of different concentrations. Rules for storage of chlorine-containing solutions.
11. Safety rules when working with chlorine-containing solutions.
12. Disinfection and disposal of disposable medical devices.
13. Pre-sterilization cleaning of syringes, needles, rubber products.
14. Detergent solutions, preparation, criteria for use.
15. Quality control of pre-sterilization cleaning: reagents, setting, evaluation criteria.
16. Types, methods and techniques of sterilization in health care facilities.
17. Sterilization in a dry heat oven: sterilization mode, control over the mode, types of packaging of medical instruments.
18. Autoclaving: sterilization mode, control over the mode, types of packaging of medical instruments.
19. The work of nursing staff in the reception department of the hospital.
20. Medical documentation of the hospital admission department.
21. Types of sanitary treatment of patients: full and partial.
22. Transportation of the patient to the medical department (on a hospital trolley, wheelchair, on hands, on foot).
23. Therapeutic and protective regimen, its elements and importance for the patient.
24. Types of modes of motor activity.
25. Correct biomechanics in different body positions.
26. Movement of the patient in bed and different types of his position (on the back, on the stomach, in the position of Fowler and Sims).
27. Preventing injuries in the patient. Specificity of the risk of injury in patients of different ages.
28. Requirements for bedding. Changing bedding and underwear for critically ill patients.
29. Rules for collecting and transporting dirty laundry.
30. Pressure ulcers. Methods for determining the risk of developing pressure ulcers in a patient.
31. Risk factors for the development of pressure ulcers.
32. Nursing interventions at risk of developing pressure ulcers.
33. Localization, stages of pressure ulcer formation.
34. Nursing tactics in the development of pressure ulcers.
35. Basic principles of medical nutrition.
36. Treatment tables, characteristics of the main treatment tables.
37. Types of artificial nutrition of the patient: through a probe, through a gastrostomy, parenterally, with the help of a nutritional enema.

38. Thermometry: the structure of the thermometer, the rules of storage and use of the thermometer.
39. Degrees of fever.
40. Stages of fever, features of observation and care of patients in a state of fever.
41. Clinical symptoms of respiratory diseases.
42. Observation and care of the patient during dyspnea, cough, hemoptysis.
43. Oxygen therapy: rules of oxygen storage and supply. Safety precautions when working with oxygen units.
44. Clinical symptoms of diseases of the circulatory system.
45. Observation and care of the patient with heart pain, dizziness.
46. Observation and care of the patient with bradycardia, tachycardia, arrhythmia.
47. Observation and care of the patient with hypotension, hypertension.
48. Clinical symptoms in diseases of the digestive tract.
49. Observation and care of the patient with vomiting, aspiration of vomit.
50. Observation and care of the patient with flatulence, constipation.
51. Clinical symptoms in diseases of the urinary system
52. Observation and care of patients with urinary incontinence and retention.
53. Principles of resuscitation.
54. The concept of palliative and hospice care.
55. Ethical and deontological features of communication with an incurable patient, his family and relatives.
56. The simplest physiotherapy. Types of simple physiotherapy procedures.
57. Indications and contraindications for the use of heat and cold. Possible complications and their prevention.
58. Hydrotherapy: types, mechanism of action, indications, contraindications, patient care.
59. Hirudotherapy: mechanism of action, indications, contraindications, complications and their prevention.
60. Solux lamp and quartzing: mechanism of action, indications, contraindications, complications and their prevention.
61. Requirements for storage of medicines.
62. Ways and methods of administration of drugs into the body, their characteristics.
63. Prescribing and receiving medicines in health care facilities.
64. Rules of storage, placement and accounting of medicines in the department.
65. Storage and accounting of drugs of list A and B.
66. Rules for the distribution of medicines. Patient's right to information about medicines.
67. Complications arising from the parenteral route of drug administration. Tactics of the nurse.
68. Current orders, instructions and methodological guidelines of the Ministry of Health of Ukraine, Main Departments of Health of regional state administrations.
69. Laboratory examination of sputum: bacteriological, general.
70. Laboratory examination of feces, urine.
71. Characteristics of the main methods of instrumental examination of patients, the role of the nurse.
72. Preparation of patients for X-ray examination of the stomach, gallbladder, intestines, kidneys, bladder.
73. Preparation of the patient for endoscopic examination: bronchoscopy, esophagogastroduodenoscopy, colonoscopy, cystoscopy.
74. Preparation of the patient for ultrasound examination.
75. Preparation of the patient for puncture (abdominal, pleural, lumbar), care of patients after puncture.
76. Preparation of the patient, taking and sending material for laboratory testing, the role of the nurse in the preparation and conduct of gastric probing.
77. Non-probe methods of studying gastric secretion.
78. Preparation of the patient, taking and sending material for laboratory research, the role of the nurse in the preparation and conduct of duodenal probing.
79. Basic requirements for rational nutrition.
80. Organization of nutrition depending on the intensity (energy consumption) of work.

- List of mandatory practical skills,
- that a higher education student must master during the internship:
- apply the current orders of the Ministry of Health of Ukraine and the regional health care department as prescribed;
- registration of patients admitted to the hospital;
- conduct preventive examinations;
- use protective equipment in accordance with the situation;
- perform hand treatment;
- carry out sanitary treatment of the patient;
- prepare and use disinfectant solutions;
- disinfect patient care items;
- carry out current, general disinfection of the premises of the health care facility;
- perform anthropometry;
- prepare cotton balls, napkins for sterilization;
- transport patients according to their condition;
- perform morning toilet for a seriously ill patient;
- perform pressure ulcer prevention;
- care for a febrile patient;
- determine the functional state of the patient: temperature, respiration, record the data obtained;
- determine the pulse, register; state
- determine blood pressure, record;
- write out the portion requirement and make a daily menu for the patient;
- feed seriously ill patients;
- perform simple physiotherapy procedures;
- Maintain medical records;
- Provide recommendations on healthy lifestyles, hardening, and nutrition;
- to conduct sanitary and educational work (sanitary bulletins, conversations, lectures);
- carry out the nursing process using basic models in accordance with the situation;
- ensure infectious safety of the patient and nurse;
- to teach the patient and his/her family members skills of self-care and mutual care;
- communicate professionally;
- follow the rules of professional ethics;
- use of a heating pad, ice bubble;
- use of a warming compress, mustard plasters, leeches;
- supplying the vessel, urinal and their disinfection;
- skin treatment, prevention of pressure ulcers, washing of patients;
- examination of the patient, assessment of his/her condition;
- monitoring patients with chronic diseases;
- conducting thermometry and recording the results in a temperature sheet.
- measuring blood pressure, pulse, respiration and recording the data;
- taking medicines from ampoules and vials.
- taking drug sensitivity tests.
- administration of oil solutions and insulin.
- technique of intravenous drip administration of medicines

- intradermal injections. Mantoux test
- performing subcutaneous injections;
- dilution of antibiotics;
- intramuscular injections.
- venipuncture: purpose, choice of syringe and needle, technique.
- intravenous jet administration of drugs.
- Taking blood from a vein for immunological, biochemical, bacteriological studies, for coagulation.
- planning and implementation of the nursing process.

3.3 Control questions and tasks for independent work. The control of independent work is the mastery of practical skills by higher education students. One of the activities of the higher education student and his/her control by the teacher is to keep a Diary of internships, which is filled in by the higher education student every day and signed by the teacher after completing the independent part of the student's work in the hospital. At the end of each module of internship, the student completes a Final Report on the work performed. The presence of a completed and signed Diary and Final Report is mandatory for the student to be admitted to the final control of knowledge and practical training in the discipline.

3.4 Individual tasks (a list approved at the meeting of the department with the number of points for their implementation, which can be added as incentives):

In order to acquire skills and abilities to independently solve production, scientific and organizational problems and intensify their activities, expand their horizons, increase their initiative during the practice, the applicant is offered to perform the following individual tasks

- to produce thematic newsletters (stands, tables, models, crossword puzzles, etc.) on the recommendations of the methodological supervisors of the internship;
- conduct career guidance work among working youth in health care facilities and schools at the place of internship;
- study the structure of diseases at the internship sites (collect statistical data on individual pathological units), taking into account the current environmental situation.

3.5. Other incentives (conditions for awarding additional points for various types of informal and informational activities, including conferences, research, participation in surveys, symposia, etc:)

At the meeting of the department, a list of individual tasks (participation in conferences, specialized competitions, preparation of analytical reviews with presentations with plagiarism checks) was approved with the determination of the number of points for their implementation, which can be added as incentives (no more than 10)

Points for individual tasks are awarded to the bachelor of nursing once only by commission (commission - head of the department, head teacher, teacher of the group) only under the conditions of their successful completion and defense. In no case can the total sum of points for ED exceed 120 points.

3.6. Rules for appealing the assessment

According to the general provisions and orders of the KhNMU

4. DISCIPLINE POLICY

Requirements of the educational component (a system of requirements and rules that the teacher imposes on higher education students when studying the educational component). In order to achieve the learning objectives and successfully complete the course, you must: get involved in the work from the first day; attend lectures regularly; read the material in advance, before it is considered in the practical class; not be late and not miss classes; come to the department dressed in a medical gown, have a change of shoes, have a phonendoscope, notebook, pen; perform all the necessary tasks and work daily; be able to work with a partner or as part of a group; ask for help and get it when you need it. Written and homework assignments must be completed in full and on time.

Academic mobility and interchangeability of credits are provided (1 credit is 30 hours). Students can discuss different tasks, but their implementation is strictly individual. Attendance and behavior Attendance at lectures and practical classes by higher education students is mandatory. Students are not allowed to be late for lectures and practical classes.

During a lecture, higher education students are recommended to take notes and maintain a sufficient level of silence. It is normal absolutely to ask questions to the lecturer.

The use of electronic gadgets is allowed only with the permission of the teacher. Cheating, the use of various kinds of software, hints, use of a mobile phone, tablet or other electronic gadgets during class are not allowed.

Recommendations for the successful completion of the discipline (activity of higher education students during practical classes, completion of the required minimum of academic work). Practical classes include:

Active participation in classroom discussions, higher education students must be prepared to understand the material in detail, ask questions, express their opinions, discuss. During the discussion, the following are important

- respect for colleagues,
- tolerance for others and their experiences,
- receptivity and impartiality,
- the ability to disagree with an opinion but respect the personality of the opponent,
- careful argumentation of one's opinion and courage to change one's position under the influence of evidence,
- I-statements, when a person avoids unnecessary generalizations, describes his/her feelings and formulates his/her wishes based on his/her own thoughts and emotions,
- familiarity with primary sources is required.

Creativity in its various manifestations is encouraged. Applicants for higher education are expected to be interested in participating in city, national and international conferences, competitions and other events in the subject area.

Incentives and penalties (additional points for conferences, research, edits, advice, participation in surveys). Evaluation of individual tasks of a higher education applicant is carried out subject to the fulfillment of the teacher's tasks (presentation of an abstract at a practical lesson, a report with a presentation at a practical lesson, a report at scientific and practical conferences of the department, university, writing abstracts, articles, participation in the All-Ukrainian Olympiad). Points (no more than 10) are added as incentives.

Safety precautions. The first lesson of the course will explain the basic principles of labor protection by conducting appropriate briefings. It is expected that everyone should know where the nearest evacuation exit to the classroom is, where the fire extinguisher is located, how to use it, etc.

Procedure for informing about changes in the silent book, etc. Development, updating, and approval of the syllabus of the educational component is carried out every academic year. Mandatory placement on the website of the KhNMU in the profile of the educational program "Medicine" by June 30 of the current academic year for the next academic year;

5. ACADEMIC INTEGRITY

Policy on academic integrity (including liability for violations of academic integrity). Compliance with academic integrity by students includes:

- Independent completion of educational tasks, tasks of current and final control of learning outcomes (for persons with special educational needs, this requirement is applied taking into account their individual needs and capabilities);
- References to sources of information in case of using ideas, developments, statements, data;
- Compliance with copyright and related rights legislation;
- Providing reliable information about the results of their own (scientific, creative) activities, used research methods and sources of information.

The Department of Propedeutics of Internal Medicine #2 and Nursing maintains zero tolerance for plagiarism. The student is expected to constantly improve his/her own awareness of academic writing.

During the first classes, information sessions will be held on what exactly is considered plagiarism and how to conduct a research and scientific search correctly.

Policy on persons with special educational needs. Higher education students with special needs must meet with the teacher or warn him/her before the start of classes; at the request of the student, the group leader may do so.

6. RECOMMENDED READING

Basic

1. Delmar's fundamental and advanced nursing skills book / Gaylene Altman, Patricia Buschel, and Valerie Coxon. / NY, Thomson Learning.,-2000 p. 1436
2. Lippincott's essentials for nursing assistants / Pamela J. Carter, Fourth edition. | Philadelphia Wolters Kluwer, -2017, -P. 1093
3. Block B, Karmachari Sanshaya Kosh Building Hariharbhavan, /Fundamental of Nursing Procedure Manual Lalitpur, /Japan International Cooperation Agency,-2008.,-182 p.
4. Textbook of basic nursing / Caroline Bunker Rosdahl, Mary T. Kowalski.– 10th ed., Wolters Kluwer Health | Lippincott Williams & Wilkins, St., Philadelphia, PA,-2012, - p.1912.
5. Hubenko I.Y., Shevchenko O.T., Brazaliy L.P., Apshai V.G. Nursing process - K.: Zdorovye, 2001.
6. Infection control in medical institutions: a textbook / Under the guidance of. Cherkasy, 2007. 44 p. Kasevych N.M.
7. Fundamentals of Nursing in Modules: Study guide - K.: Medicine, 2009.
8. Kasevych N.M. General nursing care and medical manipulation technique: textbook. - K.: Medicine, 2008. - 424 p.
9. Kasevych N.M. Workshop on Nursing: a textbook - K.: Zdorovye, 2005. - 464 p.
10. Kovaleva O.M., Lisovyi V.M., Shevchenko S.I., Frolova T.V. et al. Nursing care: a textbook. - K.: VSV Medicine, 2010. - 488 p.
11. Lisovyi V.M., Olkhovska L.P., Kapustnyk V.A. Fundamentals of Nursing: Textbook - Kyiv: VSV Medicine, 2010. 560 p.
12. Nursing care for the patient: Standards of nursing procedures, manipulations and plans of care and training: textbook / I.Y. Hubenko, O.T. Shevchenko, L.P. Brazaliy, V.G. Apshai - K.: Medytsyna, 2008. - 304 p.
13. Pasechko NV, Lemke MO, Mazur PE Fundamentals of Nursing: Textbook - Ternopil: Ukrmedkniga, 2002. - 544 p.
14. Savka LS, Razinkova LI, Kopyk AF, Kotsar OI, Alenich OI Patient care and medical manipulation techniques: a textbook / edited by LM Kovalchuk, OV Kononov. - K.: Medicine, 2009. - 480 p.
15. Kudriavtseva T.O. Nursing process: stages, content, documentation: a study guide - K.: Zdorovye, 2001. - 96 p.
16. Shevchenko O.T. Psychology of crisis states.

Auxiliary

1. Kudriavtseva T.O. Nursing process: stages, content, documentation: a study guide - K.: Zdorovye, 2001. - 96 p.
2. Shevchenko O.T. Psychology of crisis states: a study guide - Kyiv: Zdorovye, 2005 - 120 p.

Information resources

1. <http://www.moz.gov.ua/ua/portal/>
2. <http://oblzdrav.mk.gov.ua/>
3. <http://www.pharmencyclopedia.com.ua/article/790/persha-dolikarska-dopomoga>
4. <http://www.br.com.ua/referats/Medicina/88605.htm>

5. http://studopedia.su/11_43893_doIlkarska-medichna-dopomoga
6. www.likar.uz.ua
7. www.nbu.gov.ua
8. www.ukrmed.org.ua
9. www.vz.kiev.ua