Faculty of Nursing, Srinakharinwirot University

Course Syllabus, Bachelor of Nursing Science Program, First semester, Academic year 2019

Course code and name NLD 204 Fundamental Nursing

Credits 3(2-2-5)

Students Second year nursing students

Descriptions

Principles and techniques in nursing by applying principles of basic science, responding to basic human needs, including physical, psychosocial health and mind of the individuals during illness, and the basic nursing practice in the laboratory

Expected Learning Outcomes

ELO 1	Applying nursing and midwifery knowledge in nursing and midwifery practice on empirical evidence to manage health problems effectively
ELO 2	Using the nursing process to manage health problems effectively
ELO 5	Using communication in Thai and English effectively
ELO 6	Using information and technology appropriately
ELO 7	Expressing leadership and having interpersonal skills to work with others
ELO 8	Expressing honesty and responsibility to the nursing profession

General objectives

Nursing students have knowledge and understand about principles and techniques in nursing by applying principles of basic science to respond to basic human needs, including physical, psychosocial health and mind of the individuals during illness by applying basic scientific principles and practice in a laboratory with realistic situations properly and by adhering to the principles of ethics, professional ethics and law.

Course Learning Outcomes/CLOs

CLO	CLOs	LO	ELO
CLO 1	Explain the principles of nursing techniques responding to the basic needs of the physical, psychosocial health and mind of the individuals.	2.3, 3.1	1, 2
CLO 2	Perform nursing practice in the simulation properly and by adhering to the principles of ethics, professional ethics and law.	1.1, 1.2, 2.3, 3.1, 5.1	1, 2, 8
CLO 3	Be able to work as a team to analyze problems and prepare nursing plan correctly	4.2,4.4	5,7,8
CLO 4	Be able to search for information to solve nursing problems in a given situation.	5.2	6
CLO 5	Be able to transmit information on problem solving and nursing planning and use communication skills in nursing in the simulation.	5.3,5.4	5

Learning activities

125 students are divided into 2 groups and teaching and learning activities are organized as follows.

1. Theory
    - 1.1 Team based teaching
    - 1.2 Lecture
    - 1.3 Analyzing basic nursing situations
    - 1.4 Demonstrating procedures
    - 1.5 Learning from case studies
2. Practice
    - 2.1 Divide students in NS21A and NS21B into 6-7 sub-groups.
    - 2.2 Demonstrating nursing practice and reverse demonstration of each procedure
    - 2.3 Students performing self-practice every Wednesday in the afternoon 01.00 p.m.0-04.30 p.m. or other time as appropriate.

Teaching materials

1. Virtual reality projector
2. Computer-assisted instruction / computer program-assisted instruction, video-
3. Teaching documents
4. Basic nursing education manual

5. Puppets and materials

Theoretical evaluation

1. Morality and ethics			**5 %**
	1.1 Being honest and punctual and having discipline 1.2 Having self-responsibility and responsibility for work - Observing behavior and group participation using Problem Based Learning: PBL), being punctual, dressing properly assessed by the lecturer and group members using morality and ethics assessment form (NS. 237): Individual	5 %	
2. Knowledge			**50 %**
	2.3 Having knowledge and understanding of the nursing process and application - Written examination: 2 times, 1st examination (Unit 1-7) and 2nd examination (Unit 8-12)	50 %	
3. Intellectual skills			**40 %**
	3.1 Being able to learn and have self-development to have more knowledge and ability and systematically analyzing information and solving problems - Team based learning (TBL) 1) Pretest (15%) 2) Participating in answering questions in TBL activity: individual (7%) 3) Participating in answering questions TBL activity: group (8%) - Case study report (NS 206): group (10%)	40 %	
4. . Interpersonal relationships and responsibilities			**2 %**
	4.2 Being able to work as a team, both in the role of leader and co-worker with others and / or multidisciplinary 4.4 Having self-responsibility and responsibility for environment/ society - Working in group using problem-based learning assessed by problem-based learning assessment (NS 212): Individual	2 %	
5. Numerical analysis, communication and technology use skills			**3 %**
	5.1 Being able to apply logic, mathematics and statistics in nursing properly 5.2 Being able to use and choose technology to search and collect data appropriately and effectively 5.3 Analyzing and transferring information effectively 5.4 Being able to communicate in Thai and / or English effectively - Working in group to search for information for analysis and nursing planning of case studies (PBL): communication skills assessed from presentation of case studies (NS 234): group	3 %	

Practical evaluation

1. Morality and ethics			**10%**
	1.1 Being honest and punctual and having discipline 1.2 Having self-responsibility and responsibility for work - Observing behavior and participating in group practice, being punctual, accepting comments and having responsibility	10%	
2. Knowledge			**20 %**
	2.3 Having knowledge and understanding of the nursing process and application - Procedure practice exam (NS 204-01): individual - Nursing procedure practice exam (NS 204-02 to NS 204-12): individual	20 %	
3. Intellectual skills			**70 %**
	3.1 Being able to learn and have self-development to have more knowledge and ability and systematically analyzing information and solving problems - Procedure practice test (NS 204-01): individual - Nursing procedure practice test (NS 204-02 to NS 204-12): individual	70 %	

Formative Evaluation

After the practice of the specified procedures, including vital signs assessment, phlegm suction, feeding through the tube, medication and intravenous fluid and urinary catheterization, the test will be administered using the assessment form (NS 204-01) without scoring. It is an evaluation and recommendations for students for further development.

Evaluation

Students have to attend class at least 80 percent of the total class time to be eligible to take the exam. Norm-Referenced Evaluation is used. The passing criteria is 60 percent and higher. Grading includes A B^+ B C^+ C.

Evaluation of morality and ethics and or interpersonal relationships

It is based on the guidelines for evaluation of nursing courses, the manual of evaluation and grading of nursing courses (Revised version B.E. 2559) and (Revised version B.E. 2562).

Appeal channel

Appeal of course evaluation must be processed within 15 days after being informed of the score or study results. Students can inform the Appeal to the course coordinator. Then course coordinator will proceed accordingly based on the announcement of Faculty of Nursing, Srinakharinwirot University: Complaints of Students, dated 1 February 2019.

*** Students should practice performing procedures by themselves every Wednesday at 01.00 p.m.0-04.30 p.m., or other days that students are available. They have to inform the LRC staff at least 3 days in advance.

The procedure practice test consists of 8 procedures

1. Assessment of vital signs
2. Washing hands, wearing and removing masks, gloves and gown
3. Phlegm suction
4. Enteral feeding
5. Subcutaneous injection/ intramuscular injection
6. Peripheral intravenous / intravenous injection
7. Wound dressing
8. Urinary catheterization

เอกสารและตำราหลัก

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Teaching Schedule / Practice Training of NLD204 Fundamental Nursing
2nd year nursing students, first semester, Academic year 2019
Friday 16 August 2019 to Friday 13 December 2019

Week	Time	Topics	CLO	Teaching and learning activities and materials	Assessment
1	16 Aug 19 00.40 p.m. - 02.30 p.m.	Unit 1 Vital sign assessment	1, 2	- Course Syllabus - Lecture using video and demonstrate	- MCQ
	02.40 p.m. - 04.30 p.m.	- Orientation (Group A) Unit 2 Nursing to promote mobility needs	1, 2	Lecture using video and group discussion	- MCQ
2	23 Aug 19 00.40 p.m. - 02.30 p.m.	Unit 3 Nursing of patients with fever using heat and cold treatment	1, 2	- Team based learning - Watching video, analyzing and answering questions	- MCQ - IRAT - GRAT
	02.40 p.m. - 04.30 p.m.	Unit 4 Nursing for promoting nutritional needs	1, 2	- Team based learning - Watching video, analyzing and answering questions	- MCQ - IRAT, - GRAT
3	30 Aug 19 00.40 p.m. - 02.30 p.m.	Unit 5 Control and prevention of spread of infection	1, 2	- Lecture using video and group discussion - Watching video : Hand washing	- MCQ
	02.40 p.m. - 04.30 p.m.	Unit 6 Nursing to meet the needs of comfort and to ensure safety	1, 2	Lecture using video and group discussion	- MCQ
4 LRC 1	6 Sep 19 00.40 p.m. – 04.30 p.m.	Practice in the LRC room - Assessment of vital signs - Hand washing - Wearing and removing ท ask gloves and gown - Packing of delivery - Handling of sterile products - Bed cleanliness and mattress care - Transfer of patients and therapeutic position - Bed bath - Sponge bath - Moist heat application and soaking in warm water - Back rub	2, 3	- Demonstrating practice and reverse practice - Reflection after practice	- Rubric

Week	Time	Topics	CLO	Teaching and learning activities and materials	Assessment
5	13 Sep 19 00.40 p.m. – 04.30 p.m.	Unit 7 Nursing to promote breathing needs	1, 2	- Team based learning - Watching video, analyzing and answering questions	- MCQ - IRAT - GRAT
6	20 Sep 19 00.40 p.m. – 04.30 p.m.	Unit 8 Intravenous injection	1, 2	- Lecture using video and group discussion - Using Table of 16 columns in testing knowledge of saline and drug	- MCQ
	04.40 p.m. - 05.30 p.m.	Unit 9 Nursing planning	1, 2	- Lecture and demonstration - After class activities	- MCQ
	Sep 19 03.40 p.m. - 04.40 p.m.	Midterm exam: Unit 1-7			
7	27 Sep 19 00.40 p.m. - 02.30 p.m.	Unit 10 Nursing to support diagnosis and treatment	1, 2	- Team based learning - Watching video, analyzing and answering questions	- MCQ - IRAT - GRAT
	02.40 p.m. - 04.30 p.m.	Unit 11 Promotion of wound healing	1, 2	- Team based learning - Watching video, analyzing and answering questions	- MCQ - IRAT, GRAT
	3 Oct 19 03.40 p.m. - 04.40 p.m.	Retaking midterm exam: Unit 1-7			
8	4 Oct 19 00.40 p.m. – 04.30 p.m.	Unit 12 Nursing to promote excretion needs	1, 2	- Lecture using video/ demonstration	- MCQ
	04.40 p.m. - 05.30 p.m.	Unit 9 Nursing planning: Case study presentation	1,2, 3,4, 5	- Case study presentation - Group discussion	Rubric
9 LRC2	11 Oct 19 00.40 p.m.- 01.40 p.m.	**Test:** Assessment of vital signs	2, 3	- Reflection after practice	- Rubric
	01.40 p.m.- 03.40 p.m.	Group A practicing in the LRC room - Suction, - Feeding - Catheterization, Enemas	2, 3	- Demonstrating practice and reverse practice - Reflection after practice	Rubric
10 LRC 3	18 Oct 19 00.40 p.m.– 03.30 p.m.	Practicing in the LRC room - Oral, eye, skin, anus , vagina medication	2, 3	- Demonstrating practice and reverse practice - Reflection after practice	Rubric

Week	Time	Topics	CLO	Teaching and learning activities and materials	Assessment
		- Subcutaneous injection/ intramuscular injection - Venipuncture - Peripheral intravenous - DTX, Hct - Wound dressing & Bandaging			
11	25 Oct 19 00.40 p.m.– 03.30 p.m.	**Test:** - Phlegm suction - Enteral feeding - Urinary catheterization	2, 3	- Reflection after practice	Rubric
	03.40 p.m. - 04.30 p.m.	Unit 9 Nursing planning: Case study presentation (2nd time)	1,2, 3,4, 5	- Following the progress of work - Discussing about problems in group	Rubric
12	1 Nov 19 00.40 p.m.– 03.30 p.m.	**Procedural examination** - Assessment of vital signs - Washing hands, wearing and removing masks, gloves and gown	2, 3	Feedback	-Rubric
	7 Nov 19 03.40 p.m.- 04.40 p.m.	Final exam: Unit 8-12			
13	00.40 p.m.– 04.30 p.m.	**Procedural examination** - Feeding, - Suction	2, 3	Feedback	- Rubric
	14 Nov 19 03.40 p.m.- 04.40 p.m.	Retaking final exam: Unit 8-12			
14	15 Nov 19 00.40 p.m.– 02.30 p.m.	**Test:** -Subcutaneous injection/ intramuscular injection - Peripheral intravenous / intravenous injection	2, 3	Reflection after practice	Rubric
	02.40 p.m.- 03.40 p.m.	**Procedural examination**:- Wound dressing		Feedback	
15	22 Nov 19 00.40 p.m.– 04.30 p.m.	**Procedural examination** -Subcutaneous injection/ intramuscular injection - Peripheral intravenous / intravenous injection	2, 3	Feedback	- Rubric

Week	Time	Topics	CLO	Teaching and learning activities and materials	Assessment
16	29 Nov 19 00.40 p.m.- 02.30 p.m.	**Procedural examination** Catheterization	2, 3	Feedback	Rubric
17	6 Dec 19 00.40 p.m.- 01.30 p.m.	Unit 9 Nursing planning: Case study presentation	1,2, 3,4,5	- Following the progress of work - Discussing about problems in group	- Rubric