



Course Specification

Institution's Name Rangsit University
Faculty School of Nursing

Section 1 General Information

Course Number BNE 342
Course Title Maternity Nursing and Midwifery II
Number of Credit 3 (2-2-5)
Curriculum Nursing Science
Type of Subject Professional Nursing Course
Course Coordinator 1. Asst.Prof.Dr.Suphangphim Rattasumpun
 2. Aj. Thanyarat Kulneejitmatee
Course Instructor 1. Asst.Prof.Dr.Suphangphim Rattasumpun
 2. Aj. Thanyarat Kulneejitmatee
Semester ☒ Semester 1 ☐ Semester 2 ☐ Summer
Year ☐ Year 1 ☒ Year 2 ☐ Year 3 ☐ Year 4
Pre-requisite None
Co- requisite None
Study Place Faculty of Nursing, Rangsit University. Room: 4/2-400-2
Date of creation and improvement July 25, 2024

Section 2 Purposes and Objectives

1. Objectives of the course

To enable student to understand concepts of nursing care of mother and neonatal with complication during antepartum, intrapartum, and postpartum period, maternal role and adaptation, nursing process approach for promoting neonatal health, screening for risk and risk management of high risk pregnant during antepartum, Intrapartum, and postpartum period, management of operative obstetrics, assessment and caring for normal and complicated neonate, holistic care of mother and family with

congenital anomalies neonate, laboratory practice relevant to midwifery skills with regard to the code of ethics and professional conduct.

2. Course Description

Concepts of nursing care of mother and neonatal with complication during antepartum, intrapartum, and postpartum period, maternal role and adaptation, nursing process approach for promoting neonatal health, screening for risk and risk management of high risk pregnant during antepartum, Intrapartum, and postpartum period, management of operative obstetrics, assessment and caring for normal and complicated neonate, holistic care of mother and family with congenital anomalies neonate, laboratory practice relevant to midwifery skills with regard to the code of ethics and professional conduct.

3. Contact hours for students per week for receiving academic advising

1) Instructors set up the contact hours and post on course Google classroom. The system will be informed to students on the first day of course.

2) Students are expected to meet their teaching adviser at the agreed time.

3) Students who need additional academic help must arrange an appointment prior to meeting their instructors.

Instructors	Room	Email	Schedule
Asst.Prof.Dr.Suphangphim Rattasumpun	Building 4 Room 407	suphangphim.r@rsu.ac.th	M: 9.00-16.00
Aj. Thanyarat Kulneejitmatee	Building 4 Room 408	Thanyarat.k@rsu.ac.th	M: 9.00-16.00

4. Course Learning Outcomes (CLOs)

1) Have self-discipline and be honesty (Sub PLO 1.5)

2) Demonstrate practice based on code of professional ethics and able to manage ethical issues in daily life as well as in nursing practice (Sub PLO 1.6)

3) Understand the following key concepts:

- Fetal assessment
- High risk in pregnancy
- Complications during intra-partum
- Operative obstetrics

-Complications during postpartum

-High risk in newborn

(Sub PLO 2.3)

4) Gain knowledge and understanding about searching the content of the maternal and infant nursing (Sub PLO 2.4)

5) Apply the cultural diversity in caring the maternal and infant health (Sub PLO 2.6)

6) Realize self-efficacy, weakness and strength in order to improve self-development (Sub PLO 3.1)

7) Use appropriate information and evidences as the references to provide maternal and infant nursing care plan in the selected cases (Sub PLO 3.3)

8) Be able to analyze by using the professional knowledge to achieve the quality of maternal and infant nursing care (Sub PLO 3.4)

9) Be able to work as a team leader and team member (Sub PLO 4.2)

10) Demonstrate responsibility in own duties and self-development (Sub PLO 4.3)

11) Demonstrate effective communication skills when working on all assignments (Sub PLO 5.3)

12) Be able to use a basic computer program for working on all assignments (Sub PLO 5.4)

13) Effectively utilize information technology when presenting the assignments (Sub PLO 5.5)

Section 3 Student's Learning Outcome Development

Learning Outcome	Learning Process	Evaluation
1. Moral and Ethical Development 1.5 Have self-discipline and be honesty 1.6 Demonstrate practice based on code of professional ethics and able to manage ethical issues in daily life as well	- Provide course orientation and communicate learning schedule and assignments -Discussion regarding patient's rights and professional ethics in the class tutorial and in laboratory practice.	-Class attendance and punctuality - Reflect ethical recognition during discussion

Learning Outcome	Learning Process	Evaluation
as in nursing practice		
2. Knowledge 2.3 To understand the following key concepts: -Fetal assessment/monitoring -High risk in pregnancy -Complications during intra-partum -Operative obstetrics -Complications during postpartum -High risk in newborn 2.4 Gain knowledge and understanding about searching the content of the maternal and infant nursing 2.6 Apply the cultural diversity in caring the maternal and infant health	1. Self-study before attending class 2. In each topic, the instructor provide study guidelines compose of learning resources and student's assignments, and selected case scenarios 3. An overview of the key concepts and application of nursing process to formulate nursing care plan for maternal and infant in each topic 4. Group discussion, presentation, and knowledge sharing on student's assignment will be established 5. In each case scenario, health assessment, bio-psychosocial change, diagnosis, treatment, and application of nursing process will be presented in accordance with nursing diagnoses and nursing care plan. 6. The instructor summarizes the key concepts in nursing care of each case scenario 7. Practice in maternal and infant nursing procedure in the laboratory room. 8. Take examination after learning each topic	- Discussion and participation in class tutorial. - Case presentation and written report. (30%) - Midterm examination (20%) - Final examination. (50%)
3. Intellectual skills 3.1 To realize self-efficacy, weakness and strength in order to improve self-	-Self-study and complete their assignments by reading, writing, and searching knowledge from various resources before attending the	-Discussion and knowledge sharing in class tutorial.

Learning Outcome	Learning Process	Evaluation
<p>development</p> <p>3.3 To use appropriate information and evidences as the references to provide maternal and infant nursing care plan in the selected cases</p> <p>3.4 Be able to analyze by using the professional knowledge to achieve the quality of maternal and infant nursing care</p>	<p>class tutorial.</p> <p>-Discussion and knowledge sharing in class tutorial</p> <p>-Self-report, self-reflection, reflection from the instructors, and other students in class in order to develop self- awareness and self-development</p>	<p>-Case presentation and written report</p> <p>-Work assignments</p> <p>-Self-reflection</p> <p>-Mid-term examination</p> <p>-Final examination</p>
<p>4. Interpersonal skills and responsibility</p> <p>4.2 Be able to work as a team leader and team member</p> <p>4.3 Demonstrate responsibility in own duties and self-development</p>	<p>- Team work on assignments</p> <p>-Student takes turn to be leader and member</p>	<p>- Observe group process</p> <p>- Assignment submission</p>
<p>5. Analytical and numerical skills, communicable skills, and using information and technology</p> <p>5.3 Demonstrate effective communication skills when working on all assignments</p> <p>5.4 Be able to use a basic</p>	<p>- Discussion, presentation, and knowledge sharing in class.</p> <p>- Providing positive reinforcement in order to encourage student to perform effective communication during discussion and</p>	<p>- Evaluate the case presentation and group discussion</p> <p>- Case study report</p>

Learning Outcome	Learning Process	Evaluation
computer program for working on all assignments 5.5 Effectively utilize information technology when presenting the assignments	presentation - Using advance technology to search information for conducting case presentation and doing assignments	

Student Activities

Theory

1. Lecturers orient about teaching-learning process, learning resources, student's guideline, and student's assignment before starting class.
2. Students attend a class orientation on the first day of the class and make understanding with a learning process that is present on the student's guideline/assignment.
3. Students read and/or search knowledge from various resources and do exercises in student's assignment before attending the class.
4. Students discuss and share knowledge, skill, and experience in the classroom tutorial.
5. Group discussion, presentation, and classroom activities will be done to achieve the learning outcomes in accordance with student abilities.
6. Lecturers summarize the key concepts and reply to the student's assignment after finishing each topic.
7. Ethical issues of nurse-midwifery role as case scenario
8. Students' role play on case scenario both in the role of nurse and patient as a group work.

Laboratory

1. Practice in laboratory about fetal assessment/monitoring nursing care for high risk in pregnancy, high alert drugs used in obstetrics, operative obstetrics, nursing care for PPH and CPR in newborn
2. Students role play on case scenario both in the role of nurse and patient as similar as real ward, such as health education, patient physical examination.
3. laboratory examination such as return demonstration.

Assignment:

Case scenario for fetal assessment/monitoring nursing care for high risk in pregnancy,
high alert drugs used in obstetrics. due date 13 December 2024

Case scenario for operative obstetrics due date 18 December 2024

Case scenario for nursing care for PPH and CPR in newborn due date 20 December
2024

Section 4 Lesson Plan and Evaluation

1. Lesson plans

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
M 2 Dec. 2024 9.00-9.30	Orientation	0.5	<ul style="list-style-type: none"> - Briefly explain information of the course and learning resources. - Establish a class agreement about the course learning and teaching. 	Asst. Prof. Dr. Suphangphim Rattasumpun
M 2 Dec. 2024 9.30-12.00 13.00-15.30 T 3 Dec. 2024 9.00-12.00 13.00-15.00 W 4 Dec. 2024	Unit I: Nursing care of pregnant woman with high risk and complication during ante-partum 1.1 Nursing care of pregnant woman with special needs <ul style="list-style-type: none"> - Fetal anomalies - Dead fetus 	13	<ul style="list-style-type: none"> - The students read text book before attending the classroom - Instructor summarizes the key concept -Group discussion -Present the case scenario 	Asst. Prof. Dr. Suphangphim Rattasumpun

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
9.00-12.00	<ul style="list-style-type: none"> - Elderly pregnancy - Teenage pregnancy - Unwanted pregnancy - Drug addicted pregnancy - Abuse during pregnancy <p>1.2 Nursing care of pregnant woman with complication during pregnancy</p> <ul style="list-style-type: none"> - Hyperemesis gravidarum - PIH -Hydramnios /Oligohydramnios - Twins <p>1.3 Nursing care of pregnant woman with medical problems</p> <ul style="list-style-type: none"> - Heart disease 		-Post test	

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
	<ul style="list-style-type: none"> - Diabetes mellitus - Thalassemia & anemia - Urinary tract infection - Hyperthyroid - Asthma - Tuberculosis <p>1.4 Nursing care of woman with ante-partum hemorrhage</p> <ul style="list-style-type: none"> - Abortion - Molar pregnancy - Ectopic pregnancy - Placenta previa - Abruptio placenta <p>1.5 Nursing care of pregnant woman with infectious disease</p>			

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
	<ul style="list-style-type: none"> - Hepatitis - Rubella - Chickenpox - Syphilis - Herpes simplex - Gonorrhea, Chlamydia, HPV - HIV/AIDS - Emerging Infectious Diseases (EID) 			
W 4 Dec. 2024 13.00-16.00	Unit II: Assessment of fetal well-being in high- risk pregnancy 2.1. Antenatal assessment 2.1.1 Biochemical assessment 2.1.2 Biophysical assessment 2.2. Intrapartum assessment 2.2.1 EFM	3	<ul style="list-style-type: none"> - The students read text book before attending the classroom - Instructor summarizes the key concept - Group discussion case scenario 	Asst. Prof. Dr. Suphangphim Rattasumpun

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
	2.2.2 Amniotic fluid assessment			
F 6 Dec. 2024 9.00-12.00 13.00-15.00 M 9 Dec. 2024 9.00-11.00	Unit III: Complications during intrapartum 3.1 Nursing care of pregnant women with abnormal of labor (4P) - Powers: Uterine dysfunction, ineffective pushing effort - Passage: Inlet contracture, mid-pelvic contracture, Outlet contracture, CPD - Passenger: Macrosomia, fetal malpresentation - Psyche/position/physical condition 3.2 Nursing care of parturient with complication (1 st and 2 nd stage of labor) - PROM - Preterm/Post-term/IUGR - Prolonged labor/Obstructed	7	- The student reading text book before attending the classroom - pretest and post test - Instructor lectures content - Practice in laboratory room - Summarizes the key concepts - Discussion case study	Asst.Prof.Dr.Suphangphim Rattasumpun

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
	labor/Shoulder dystocia <ul style="list-style-type: none"> - Precipitate labor/BBA - Uterine rupture - Amniotic fluid embolism - Prolapsed cord/Vasa previa - Fetal distress 3.3 Nursing care of parturient with complication (3 rd and 4 th stage of labor) <ul style="list-style-type: none"> - PPH (Early) - Retained placenta - Uterine inversion - Shock 			
M 9 Dec. 2024 13.00-16.00	Unit IV: Nursing care Operative obstetrics <ul style="list-style-type: none"> 4.1 Induction of labor 4.2 Forceps Extraction (F/E) 4.3 Vacuum Extraction (V/E) 4.4 Cesarean section (C/S) 	3	<ul style="list-style-type: none"> - Pretest and post test - Lecture with VDO - Discuss case study - Present cases assignment 	Asst.Prof.Dr.Suphangphim Rattasumpun

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
	4.5 Version 4.6 Removal of placenta 4.7 Breech assisting			
W11 Dec. 2024 9.00-11.00	Unit V: Complications during postpartum - PPH, Sheehan's syndrome, hematoma - Infection, Phlebitis, breast abscess, mastitis, URI, UTI, thrombosis, metritis - Subinvolution - Psychosocial problem (Depression, Postpartum blue and Psychosis)	2	- Pretest and post test - Lecture with VDO - Present and Discuss cases assignment - Summarizes the key concepts with VDO	Aj. Thanyarat Kulneejitmatee
W11 Dec. 2024 13.00-15.00	Unit VI: High risk in newborn - Fetal distress - Birth Asphyxia - Birth injuries	2	-Assign the student to read the concept and evaluation profession - Instructor summarizes the	Aj. Thanyarat Kulneejitmatee

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
	- CPR in newborn		key concept - Present and Discuss cases assignment - Summarizes the key concepts with VDO - Demonstrate about CPR in newborn	
TH 12 Dec. 2024 9.00-12.00 13.00-16.00 F 13 Dec. 2024 9.00-12.00 13.00-15.00 M 16 Dec. 2024 9.00-12.00	Laboratory procedure Lab I: I: Fetal assessment II: High risk in pregnancy III: Drugs used during pregnancy	17	-Students study on learning resources and submit the assignments -Students participate in a classroom tutorial, discussion with the instructors to clarify their knowledge and complete their exercises	Asst. Prof. Dr. Suphangphim Rattasumpun

Date/ Time	Topic	Hour	Learning and teaching method	Instructor
13.00-16.00			-Demonstration and return demonstration by concerning with client respect, human right and/ or professional ethic during practicing nursing procedures in laboratory room -Self-evaluation and discussion with peers and instructors for self-development in each topic.	
T 17 Dec. 2024 9.00-12.00 13.00-16.00	Lab II: I: Operative obstetrics & Breech assisting II: Drugs used during labor III: Critical care in obstetrics	10		Asst. Prof. Dr. Suphangphim Rattasumpun
W 18 Dec 2024 9.00-11.00 13.00-15.00				
TH 19 Dec. 2024 9.00-12.00	Lab III: : PPH & CPR in newborn	3		Aj. Thanyarat Kulneejitmatee

Sat 14 December 2024: Examination I: Unit 1-3

F 20 December 2024: Examination II: Unit 4-6

2. Evaluation Plan

Learning outcome	Evaluation method	week	Evaluation proportion
1.Moral and Ethical Development	Be responsible for assignment	Throughout the semester	Pass/Not Pass
2. Knowledge	Examination 2.1 Examination I 2.2 Examination II	Throughout the semester	35% 35%
3. Intellectual skills	2.3 Lab 2.3.1 Fetal assessment		30%
4. Interpersonal skills and responsibility	2.3.2 High risk in pregnancy		
5. Analytical and numerical skills, communicable skills, and using information and technology	2.3.3 Drugs used in during pregnancy & labor 2.3.4 Operative obstetrics & Breech assisting 2.3.5 Critical care in obstetrics 2.3.6 PPH & CPR in newborn		

Section 5 Learning and Teaching Resources

1. Main texts

Perry, S. E., et al. (2024). Maternal Child Nursing Care. 8th ed. St. Louis: Elsevier.

Murray, S. S., & McKinney, E. S. (2014). Foundations of maternal-newborn and women's health nursing. (6th ed.). St. Louis: ELSEVIER Saunders.

Pillitteri, Adele. (2014). Maternal & child health nursing: care of the childbearing & childrearing family (7th ed.). Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.

Piotrowski, K.A., & Wilson, D. (2014). Study guide for maternal child nursing care. 5th ed. St. Louis: Elsevier.

2. Suggestion textbooks and websites

Cunningham, F., et al. (2014). William obstetrics. 24th ed. New York: McGraw-Hill Education.

Davidson, M. R., London, M. L., & Ladewig, P. A. W. (2012). Old's maternal-newborn nursing and women's health across the lifespan (9th ed.). Saddle River, N.J.: Prentice Hall.

Hatfield, N.T. (2014). Introductory maternity & pediatric nursing. 3rd ed. Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins Health.

Leifer, G. (2015). Introduction to maternity and pediatric nursing. 7th ed. St. Louis: Elsevier.

Lowdermilk, D. L., Perry, S. E., Cashion, K., Alden, K. R. (2012). Maternity & women's health care (8th ed.). St. Louis: Mosby.

Mattson, S., & Smith, J. E. (2011). Core curriculum for maternal-newborn nursing. 4th ed. Saint Louis: Saunders Elsevier.

McKinney, E.S., James, S. R., Murray, S. S., Nelson, K. A., & Ashwill, J.W. (2013). Maternal-child nursing. 4th ed. St. Louis: ELSEVIER Saunders.

Section 6 Evaluation and Improvement Plan

1. Effective evaluation strategies by students

- Students reflect learning-teaching activities, strong and weak points of the course in classroom tutorial
- Unit evaluation and course evaluation by student at the end of course.

2. Teaching evaluation strategies

- Evaluation on learning-teaching activity by team-teaching, colleagues, and administrators
- Observation on student participation, discussion, role play, demonstration and return demonstrate,
- Focus group and feedback between students and faculties
- Outcome from mid-term and final examination and written report.

3. Teaching Improvement

- Improve in learning-teaching activities based on student's reflection and evaluation of the course.
- Teaching-team, head of the nursing group, curriculum committee arrange a conference to improve the course
- Conducting research study on student's need and satisfaction in learning-teaching activity in fundamental of nursing I course.

4. Verification of the student's achievement

- Team-teaching review the minimum, average, and maximum scores of the examination and written report.
- The student's scores and grading will be verified by team-teaching, head of the nursing group, and the committee members.

5. Re-evaluation and plan for effectiveness of the course improvement

- Use the evidence from course evaluation and unit evaluation to improve the learning-teaching activities of the course annually

