

RNSG 2910.837 - Life Transitions III: Obstetrics (version 201003L)

Standard Institutionally Developed College: Southern Regional Technical College

EDGE Compatible: No

Pre-requisites: All Required

Program Admission




Co-requisites

Program Admissions reflects the college's requirements for pre/co requisites. See program catalog for detail

Course Description

This course is designed to prepare associate degree nursing students to provide nursing care to a variety of clients experiencing transitions of health status related to conception, birth, and womens health. Students will be challenged to integrate prior and new knowledge using therapeutic communication, critical thinking and decision making to plan and provide nursing care for women and newborns. Incorporation of the dynamic interplay of culture, socioeconomic status, spiritual beliefs as well as psychological and physiological needs in the care of the individual within the context of the family will be expected. Reflection upon the legal and ethical issues affecting the family and collaboration with the family and other health team members in a variety of community settings will be part of the learning experience.

Course Length

	Minutes	Contact Hour	 Semester Credit	WLU
Lecture:	2250	45		
Lab 2:	0	0		
Lab 3:	2250	45		
Total:	4500	90	4	
Semester Credit Hours:				4 146.25
Breakout Detail of Lab 3:				
 Practicum/Internship:	0	0		
 Clinical:	2250	45		

Competencies

Lab 3 time is broken out in detail in the Practicum/Internship and Clinical columns.

Order	Description	Lecture	Lab2	Lab3	Total Minutes	Semester Credit Hrs	Practicum/ Internship	Clinical
1	Overview & Postpartum	350	0	450	800		0	450
2	Normal Newborn & High Risk Newborn	550	0	450	1000		0	450
3	Antepartal Normal	500	0	450	950		0	450

Order	Description	Lecture	Lab2	Lab3	Total Minutes	Semester Credit Hrs	Practicum/ Internship	Clinical
4	Antepartal High Risk & Intrapartal Normal	550	0	450	1000		0	450
5	Intrapartal At Risk & Women's Health	300	0	450	750		0	450
	Totals for Course RNSG 2910.837 - Life Transitions III: Obstetrics (version 201003L):	2250	0	2250	4500	4	0	2250

Learning Outcomes

Overview & Postpartum

Order	Description	Learning Domain	Level of Learning
1	Evaluate contemporary issues and trends in maternity nursing and women's health care.	Cognitive	Evaluation
2	Debate ethical issues in perinatal nursing.	Cognitive	Analysis
3	Describe the main characteristics & key factors of contemporary family forms and health.	Cognitive	Comprehension
4	Relate the role of culture in caring for childbearing families and its relationship to one's own nursing practice.	Cognitive	Analysis
5	Identify characteristics of uterine involution and lochial flow and describe ways to measure them.	Cognitive	Knowledge
6	List expected values for vital signs, deviations from normal findings, and probable causes of the deviations.	Cognitive	Knowledge
7	Identify the priorities of maternal care given during the fourth stage of labor.	Cognitive	Knowledge
8	Summarize nursing interventions to prevent infection and excessive bleeding, to promote normal bladder and bowel patterns, and to care for the breasts of women who are breastfeeding or bottle-feeding.	Cognitive	Comprehension
9	Examine the effect of perineal trauma on the woman's reproductive and sexual health.	Cognitive	Analysis
10	Examine the influence of cultural expectations on postpartum adjustment.	Cognitive	Analysis
11	Identify psychosocial needs of the woman in the early postpartum period.	Cognitive	Knowledge
12	Discuss discharge teaching and postpartum home care.	Cognitive	Comprehension
13	Explain importance of early exposure to language and vocabulary in children is essential for life skills.	Cognitive	Comprehension
14	Identify parental and infant behaviors that facilitate and those that inhibit parent-infant attachment.	Cognitive	Knowledge

Order	Description	Learning Domain	Level of Learning
15	Compare maternal and paternal adjustment to parenthood, including parent infant attachment.	Cognitive	Analysis
16	Examine the effects of the following on transition to parenting: parental age (adolescence and older than 35 years), social support, culture, socioeconomic conditions, personal aspirations, and sensory impairment.	Cognitive	Analysis
17	Discuss postpartum complication and nursing care needed to provide safe and effective care to the women and family experiencing physiological complications. With primary focus being on hemorrhage and infection.	Cognitive	Comprehension

Normal Newborn & High Risk Newborn

Order	Description	Learning Domain	Level of Learning
1	Describe the physiologic & behavioral adaptations that the neonate must make during the period of transition from the intrauterine to the extrauterine environment.	Cognitive	Comprehension
2	Explain mechanisms of thermoregulation in the neonate and the potential consequences of hypothermia and hyperthermia.	Cognitive	Comprehension
3	Recognize normal and abnormal newborn reflexes and sensory and perceptual functioning.	Cognitive	Analysis
4	Describe the method for estimating the gestational age of a newborn and Apgar scoring.	Cognitive	Comprehension
5	Explain the procedure for assessment of the newborn and common deviations from normal physiologic findings.	Cognitive	Comprehension
6	Discuss phototherapy and the guidelines for teaching parents about treatment in hospital and at home.	Cognitive	Comprehension
7	Explain purposes for and methods of circumcision, the postoperative care of the circumcised infant, and parent teaching regarding circumcision.	Cognitive	Comprehension
8	Discuss pharmacologic and non-pharmacologic interventions to reduce neonatal pain.	Cognitive	Comprehension
9	Explain the nurse's role in helping families to choose an infant feeding method.	Cognitive	Comprehension
10	Discuss indicators & benefits of breastfeeding for infants, mothers, families, and society.	Cognitive	Comprehension
11	Examine nursing interventions to facilitate and promote successful breastfeeding.	Cognitive	Analysis
12	Discuss nursing care management for assisting parents in the care of the infant during the first weeks at home.	Cognitive	Comprehension
13	Summarize the care & assessment of the newborn with birth trauma, soft tissue, skeletal, nervous system injuries, and infection.	Cognitive	Comprehension
14	Distinguish between the effects of maternal use of alcohol, heroin, methadone, marijuana, and cocaine and maternal smoking on the fetus and newborn.	Cognitive	Analysis

Order	Description	Learning Domain	Level of Learning
15	Describe the assessment and care of a newborn experiencing drug withdrawal; include the infant's family.	Cognitive	Comprehension
16	Discuss assessment and management of the newborn for hyperbilirubinemia.	Cognitive	Comprehension
17	Compare Rh and ABO incompatibility.	Cognitive	Analysis
18	Review prenatal diagnosis of neonatal disorders.	Cognitive	Comprehension
19	Provide assessment strategies and nursing care for the diagnosis of congenital disorders.	Cognitive	Application
20	Characterize the differences in the characteristics of preterm, near-term, term, postterm, and postmature neonates.	Cognitive	Analysis
21	Discuss respiratory distress syndrome and the approach to treatment.	Cognitive	Comprehension
22	Characterize the pathophysiology of meconium aspiration syndrome and its clinical signs.	Cognitive	Analysis
23	Discuss the needs of parents of high risk infants.	Cognitive	Comprehension

Antepartal Normal

Order	Description	Learning Domain	Level of Learning
1	Summarize the process of fertilization.	Cognitive	Comprehension
2	Describe the development, structure, and functions of the placenta.	Cognitive	Comprehension
3	Describe the composition and functions of the amniotic fluid.	Cognitive	Comprehension
4	Identify three organs or tissues arising from each of the three primary germ layers.	Cognitive	Knowledge
5	Summarize the significant changes in growth and development of the embryo and fetus.	Cognitive	Comprehension
6	Identify the potential effects of teratogens during vulnerable periods of embryonic and fetal development.	Cognitive	Knowledge
7	Determine gravidity and parity using two- and five-digit systems.	Cognitive	Application
8	Describe the various types of pregnancy tests including the timing of tests and interpretation of results.	Cognitive	Comprehension
9	Explain the expected maternal anatomic and physiologic adaptations to pregnancy for each body system.	Cognitive	Comprehension
10	Differentiate among presumptive, probable, and positive signs of pregnancy.	Cognitive	Analysis
11	Explain recommended nutrition & maternal weight gain during pregnancy and lactation.	Cognitive	Comprehension
12	Compare the dietary needs of adolescent and mature pregnant women and risk factors.	Cognitive	Analysis
13	Describe the process of confirming pregnancy and estimating the date of birth.	Cognitive	Comprehension

Order	Description	Learning Domain	Level of Learning
14	Discuss the benefits of prenatal care and problems of accessibility for some women.	Cognitive	Comprehension
15	Discuss education needed by pregnant women to understand physical discomforts related to pregnancy and to recognize the signs and symptoms of potential complications.	Cognitive	Comprehension
16	Examine the influence of culture, age, parity, and number of fetuses on the response of the family to the pregnancy and on the prenatal care provided.	Cognitive	Analysis
17	Discuss pain management as an aspect of childbirth education.	Cognitive	Comprehension
18	Differentiate among diagnostic techniques, including when they are used in pregnancy and for what purposes.	Cognitive	Analysis
19	Explain exposure to language and vocabulary in children is essential for life skills.	Cognitive	Comprehension

Antepartal High Risk & Intrapartal Normal

Order	Description	Learning Domain	Level of Learning
1	Differentiate the defining characteristics, risk factors, treatments, nursing management and pathophysiology of the following disorders: Gestational hypertension, Preeclampsia and eclampsia, HELLP syndrome, Chronic hypertension. Miscarriage, Ectopic pregnancy, Cervix insufficiency, Hydatidiform mole, Abruptio placentae, Placenta previa, Disseminated intravascular coagulation (DIC), Ectopic pregnancy, Hydatidiform mole, Diabetes, Hyperemesis gravidarum, Thyroid disorders, phenylketonuria	Cognitive	Analysis
2	Explain the five major factors that affect the labor process.	Cognitive	Comprehension
3	Describe the anatomic structure of the bony pelvis, diameters of the pelvic inlet, cavity, and outlet.	Cognitive	Comprehension
4	Explain the significance of the size and position of the fetal head during labor and birth.	Cognitive	Comprehension
5	Summarize the cardinal movements of the mechanism of labor for a vertex presentation.	Cognitive	Comprehension
6	Examine the maternal and fetal anatomic and physiologic adaptations to labor.	Cognitive	Analysis
7	Identify nonpharmacologic strategies to enhance relaxation and decrease discomfort during labor.	Cognitive	Knowledge
8	Compare pharmacologic methods used to relieve discomfort in different stages of labor and for vaginal or cesarean birth and discuss the use of naloxone (Narcan).	Cognitive	Analysis
9	Apply the nursing process to management of the discomfort of a woman in labor.	Cognitive	Application
10	Summarize the nursing responsibilities appropriate for a woman receiving analgesia or anesthesia during labor.	Cognitive	Comprehension
11		Cognitive	Knowledge

Order	Description	Learning Domain	Level of Learning
	Identify typical signs & nursing interventions for nonreassuring fetal heart rate (FHR) patterns including: tachycardia and bradycardia; increased and decreased variability; and late and variable decelerations.		
12	Review the factors included in the initial assessment of the woman in labor.	Cognitive	Comprehension
13	Describe the ongoing assessment of maternal progress during the first, second, and third stages of labor.	Cognitive	Comprehension
14	Recognize the physical and psychosocial findings indicative of maternal progress during labor.	Cognitive	Analysis
15	Identify signs of developing complications during labor and birth.	Cognitive	Knowledge
16	Characterize the influence of cultural and religious beliefs and practices on the process of labor and birth.	Cognitive	Analysis
17	Describe the role and responsibilities of the nurse in an emergency childbirth situation.	Cognitive	Comprehension
18	Evaluate the impact of perineal trauma on the woman's reproductive and sexual health.	Cognitive	Evaluation

Intrapartal At Risk & Women's Health

Order	Description	Learning Domain	Level of Learning
1	Identify the risk factors and nursing interventions for preterm birth and differentiate between preterm birth and low birth weight.	Cognitive	Knowledge
2	Discuss the use of tocolytics and antenatal glucocorticoids in preterm labor and birth.	Cognitive	Comprehension
3	Design a nursing care management plan for women with preterm premature rupture of the membranes (PPROM).	Cognitive	Synthesis
4	Summarize the nursing care management for a trial of labor, version induction and augmentation of labor, forceps- and vacuum-assisted birth, cesarean birth, and vaginal birth after a cesarean birth.	Cognitive	Comprehension
5	Explain the care of a woman with postterm pregnancy.	Cognitive	Comprehension
6	Discuss obstetric emergencies and their appropriate management.	Cognitive	Comprehension
7	Compare the menstrual cycle in relation to hormonal, ovarian, and endometrial response.	Cognitive	Analysis
8	Review client teaching of breast self-examination.	Cognitive	Comprehension
9	Characterize conditions and characteristics that increase health risks for women across the life span.	Cognitive	Analysis
10	Relate the pathophysiology of endometriosis to associated symptoms.	Cognitive	Analysis
11	Identify the health risks of perimenopausal women.	Cognitive	Knowledge

Order	Description	Learning Domain	Level of Learning
12	Examine the risks and benefits of menopausal hormone therapy.	Cognitive	Analysis
13	Describe prevention of sexually transmitted infections in women.	Cognitive	Comprehension
14	Differentiate signs, symptoms, diagnosis, and management of nonpregnant and pregnant women with bacterial sexually transmitted infections.	Cognitive	Analysis
15	Compare and Contrast signs, symptoms, and management of selected vaginal infections in nonpregnant and pregnant women such as group B streptococcus (GBS), sexually transmitted infections and HPV.	Cognitive	Evaluation
16	Compare and Contrast the different methods of contraception and common nursing interventions that facilitate contraceptive use.	Cognitive	Evaluation
17	Examine the various ethical, legal, cultural, and religious considerations of contraception.	Cognitive	Analysis
18	Describe the techniques used for medical and surgical interruption of pregnancy.	Cognitive	Comprehension
19	Explain the various ethical and legal considerations of elective abortion.	Cognitive	Comprehension
20	Describe common causes, diagnoses, and treatments for infertility.	Cognitive	Comprehension
21	Discuss the pathophysiology, emotional effects, and treatment of selected benign and malignant breast disorders found in women.	Cognitive	Comprehension
22	Describe the various structural disorders of the uterus and vagina.	Cognitive	Comprehension
23	Discuss the pathophysiology of selected benign and malignant neoplasms of the female reproductive tract.	Cognitive	Comprehension
24	Express health-promoting behaviors that reduce cancer risk.	Cognitive	Synthesis
25	Discuss the development and sequelae of gestational trophoblastic neoplasia.	Cognitive	Comprehension

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