

**COURSE SYLLABUS**

**VNSG 1330.501 (3:3:0)**

**MATERNAL-NEONATAL NURSING**

**Vocational Nursing Program**

**Health Occupations Division**

**Technical Education Division**

**Plainview Campus**

**SOUTH PLAINS COLLEGE**

**Spring 2020**

**SOUTH PLAINS COLLEGE – PLAINVIEW  
SPRING 2020  
COURSE SYLLABUS**

**COURSE TITLE:** VNSG 1330.501 (3:3:0)  
MATERNAL-NEWBORN NURSING

**INSTRUCTOR:** Diana R. Compton, BSN, RN

**OFFICE LOCATION:** SPC – Plainview Center 104 E

**PHONE / E-MAIL:** 806-716-4408 / dcompton@southplainscollege.edu  
Remind: To be announced in class

**OFFICE HOURS:** 0800- 1200 M-T/ W, TR, F By appointment

**COURSE DESCRIPTION:**

This course addresses the utilization of the nursing process in the assessment and management of the childbearing family. This course places emphasis on the bio-psycho-socio-cultural needs of the family during the phases of pregnancy, childbirth, and the neonatal period. This course also includes the study of abnormal conditions that might be found in each phase.

**LEARNING OUTCOMES:**

The student will discuss the bio-psycho-socio-cultural needs of the childbearing family, and utilize the nursing process to assist in planning the care of the childbearing family.

**COURSE OBJECTIVES:** Upon completion of this course, the student is prepared to:

1. Identify basic anatomy and physiology of the male/female reproductive systems.
2. Describe the process of conception, implantation, fetal development and associated maternal changes in a given time frame.
3. Discuss physical and emotional demands of pregnancy and childbirth, including possible complications and related nursing management.
4. Assess psychosocial implications of parenthood for individuals, families, and society.
5. Identify methods of family planning.
6. Discuss the necessity for family education, available programs and nurse-oriented teaching.

**ACADEMIC INTEGRITY:**

Refer to (Plainview) Student Handbook and the SPC College Catalog.

**SCANS & FOUNDATION SKILLS:**

C-1, 5, 6, 7, 10, 11, 14, 15, 16, 17, 18, 19  
F- 1, 2, 5, 6, 8, 9, 10, 11, 12, 13, 15, 17

**VERIFICATION OF WORKPLACE COMPETENCIES:**

NCLEX-PN Licensure Exam eligibility following successful completion of the one-year Vocational Nursing Program.

**TEXTBOOK:**

**Leifer, G., MA, RN. (2019). Introduction to Maternity and Pediatric Nursing, 8<sup>th</sup>, Ed., W. B. Saunders Co (Harcourt Brace & Co.), Philadelphia. Study Guide to accompany**

**ATI PN Maternal Newborn Nursing Review Module Edition 9.0**

**ATTENDANCE POLICY:**

- Refer to College Catalog and Student Handbook  
This course is a three credit hours with six hours of allowable absence.
- A tardy is given if absent within the first 15 minutes of a class period. Three tardies will result in one hour absence.

**COURSE REQUIREMENTS:**

1. Chapter reading completed for preparation and participation in class discussion and critical thinking exercises, chapter study guide completed, ATI reading completed.
2. Three unit exams and a comprehensive final exam. ATI Proctored Assessment (OB) will be administered at the end of the semester before the final exam and will calculate into the course grade as a unit exam.
3. Quizzes (announced and unannounced)
4. Care Planning Assignment with concurrent clinical rotation
  - 1 Labor/Delivery patient
  - 1 Post-partum patient
  - 1 Neonate
5. Book modules will be checked in class.
6. To meet course requirements a grade of 77% is needed.
7. Student is expected to follow all guidelines on any and all electronics and cellular devices while in class. (Student Handbook)

**GRADING:**

|   |      |
|---|------|
| Three Unit Exams & ATI Proctored Assessment | 70%  |
| Quizzes                                     | 10%  |
| Final Exam                                  | 20 % |

A=93-100

B=84-92

C=83-77\*

\*passing for all nursing courses

D= 76-70

F= 69 or below

Final grades will not be rounded up from a remaining decimal. Your grade will reflect the whole number achieved. (Student Handbook)

## COURSE SCHEDULE

|         |   |  |
|---------|---|--|
| 1-13-20 | Syllabus                                    | Review of syllabi, textbook, and course requirements   |
| 1-21-20 | Chapter 1<br>Chapter 2                      | The Past Present and Future<br>Human Reproductive A & P<br>ATI Unit 1-2  |
| 1-28-20 | Chapter 3<br>Chapter 4                      | Fetal Development<br>Prenatal Care and Adaptations to Pregnancy<br>ATI Unit 1- 4   |
| 2-4-20  | Chapter 5<br>Chapter 6                      | Nursing Care...Complications During Pregnancy<br>Nursing Care... During Labor & Birth<br>ATI Unit 1-6                                      |
| 2-11-20 | <b><u>Exam # 1</u></b>                      | <b><u>1300-1400 Chapters 1 - 6</u></b><br><b>ATI Completion ATI online modules due (Units 1-6)</b>   |
| 2-18-20 | Chapter 7<br>Chapter 8                      | Nursing Management of Pain During Labor & Birth<br>Nursing Care...Complications During Labor & Birth<br>ATI Unit 7-8                       |
| 2-25-20 | Chapter 9<br>Chapter 10                     | The Family after Birth<br>Nursing Care... Complications After Birth<br>ATI Unit 9-10   |
| 3-3-20  | <b><u>Exam # 2</u></b>                      | <b><u>1300-1400 Chapters 7 - 11</u></b><br><b>ATI Completion ATI online modules due (Units 7-10)</b>                                       |
| 3-10-20 | Chapter 12                                  | The Term Newborn<br>Newborn Assessment<br>ATI Unit 12  |
| 3-24-20 | Chapter 13<br>Chapter 14                    | Pre-Term and Post-Term NB<br>Newborn with Prenatal Injury/ Congenital Malformation<br>Breast feeding –vs- bottle feeding<br>ATI Unit 13-14 |
| 3-31-20 | <b><u>Exam # 3</u></b>                      | <b><u>1300-1400 Chapters 12 - 14</u></b><br><b>ATI Completion ATI online modules due (Units 12-14)</b>                                     |
| 4-7-20  | Video                                       | <b>In the Womb</b>   |
| 4-14-20 | Video                                       | <b>The Miracle of Life</b>   |
| 4-21-20 | Video                                       | <b>Your Healthy Baby</b>   |
| 4-28-20 | Review for Final                            |  |
| 5-1-20  | <b><u>ATI Proctored Assessment (OB)</u></b> |  |
| 5-5-20  | <b><u>FINAL EXAM</u></b>                    |  |

## **COURSE OUTLINE**

### **UNIT I: An Overview of Maternity & Pediatric Nursing**

#### Objectives:

1. Discuss goals of modern-day maternity care.
2. Describe the changing maternity care, past present and future..
3. Discuss special problems of the single-parent and adolescent pregnancy situations.
4. Discuss cultural considerations in maternal care.
5. Differentiate between the different healthcare delivery systems.
6. Discuss Health Care Reform and the impact on Maternal health care today.
7. Develop an awareness of the nursing student and nursing roles in the future of maternal and newborn healthcare.

#### Content Outline:

- I. The Past
  - A. Obstetrics
  - B. Pediatrics
  - C. Obstetric and Pediatric Care in the USA.
- II. The Present
  - A. Family Centered Care
  - B. Financial Considerations
  - C. Changing perceptions of Childbearing
  - D. Midwives
  - E. Role of the Consumer
  - F. Cultural Considerations
  - G. Technology and Specialty Expertise
  - H. Genomics
  - I. Health Care Delivery Systems
  - J. Nursing Care

### **UNIT II: Maternal-Newborn Nursing and Women's Health**

#### Objectives:

1. Trace fetal development of zygote at one month through fetus at nine months.
2. Discuss placental development and its functions.
3. Explain the structure / function of the amniotic sac.
4. Discuss the influence of teratogenic factors on the unborn fetus.
5. Identify four indications for the use of amniocentesis as a method of fetal evaluation.
6. Trace the flow of blood through fetal circulation.
7. Describe the changes that occur in fetal circulation at birth or shortly thereafter.
8. Discuss methods of fetal evaluation.
9. Identify clinical indications of fetal death.
10. Define terminology and components of an obstetrical history.
11. Calculate an EDC using Nagele's Rule.
12. Describe presumptive, probable, and positive signs and symptoms.
13. Explain how pregnancy affects the blood volume and blood plasma.
14. Describe changes that occur in the uterus and vagina that are necessary for birth.
15. Identify the psychological changes that accompany pregnancy.
16. Discuss goals and significance of prenatal care for the expectant mother.
17. Discuss the components of an adequate prenatal diet.
18. Outline nutritional modifications recommended during pregnancy and lactation.
19. Describe general hygienic principles for the pregnant woman.
20. Describe care given during the first prenatal visit.

21. Discuss subsequent prenatal visits and scheduling.
22. Define the discomforts of pregnancy and appropriate interventions.
23. Define the danger signs to report to the physician.
24. Discuss the effects and potential dangers and effects of drug use during pregnancy.
25. Describe the effects and potential dangers of sexually transmitted diseases to the unborn fetus.
26. Discuss methods of preventing the complications resulting from the STD's.
27. Identify the factors that put a fetus at risk.
28. Describe four methods for assessing the fetal condition during the prenatal period.
29. Discuss the indications and use of amniocentesis as an evaluation tool.
30. Discuss how amniocentesis can assess fetal maturity.
31. Describe the purpose and advantages of the non-stress test and oxytocin challenge test.
32. Identify factors that can affect the FHT during labor.
33. Identify terms / components of fetal heart monitoring, abnormal patterns which indicate distress and the appropriate nursing interventions.

Content outline:

- I. Human Reproductive A & P
  - A. Puberty Male and Female
  - B. Reproductive Systems Male and Female
  - C. The Human Sexual Response
  - D. Physiology of the Male Sex Act
  - E. Physiology of the Female Sex Act

Content outline:

- I. Fetal Development
  - A. Cell Division and Gametogenesis
  - B. Inheritance
  - C. Tubal Transport of the Zygote
  - D. Implantation of the Zygote
- II. Development
  - A. Cell Differentiation
  - B. Prenatal Developmental Milestones
  - C. Accessory Structures of Pregnancy
  - D. Placenta
  - E. Umbilical Cord
  - F. Fetal Circulation
  - G. Circulation before birth
  - H. Circulation after birth
  - I. Impaired Prenatal Development
  - J. Subsequent Illness
  - K. Multifetal Pregnancy
- III. Prenatal Care and Adaptations to Pregnancy
  - A. Goals of Prenatal care
  - B. Prenatal Visits
  - C. Definition of Terms
  - D. Determining the Date of Delivery
  - E. Diagnosis of Pregnancy
  - F. Physiological Changes in Pregnancy
  - G. Nutrition for Pregnancy and Lactation
  - H. Exercise during Pregnancy
  - I. Travel During Pregnancy

- J. Common Discomforts in Pregnancy
- K. Psychosocial Adaptation to Pregnancy
- L. Prenatal Education
- M. Effects on Medication Metabolism
- N. Immunizations during pregnancy
- O. Nursing Care During Pregnancy

IV. Nursing Care of Women with Complications During Pregnancy

- A. Assessment of Fetal Health
- B. Pregnancy Related Complications
- C. Pregnancy Complicated by Medical Conditions
- D. Environmental Hazards During Pregnancy
- E. Effects of High Risk Pregnancy on the family

V. Nursing Care of Mother and Infant During Labor and Birth

- A. Cultural Influences on labor and Births
- B. Settings for childbirth
- C. Components of the Birth Process
- D. Normal Childbirth
- E. Admission to the Hospital or Birth Center
- F. Nursing care before Birth
- G. Vaginal Birth after Cesarean
- H. Nursing Care During Birth
- I. Nursing Care Immediately after Birth
- J. Cord Blood Banking

VI. Nursing Management of Pain During Labor and Birth

- A. Education for Childbearing
- B. Childbirth and Pain

VII. Nursing Care of Women with Complications During Labor and Birth

- A. Obstetric Procedures
- B. Abnormal Labor
- C. Premature Rupture of Membranes
- D. Preterm Labor
- E. Prolonged Pregnancy
- F. Emergencies during Childbirth

VIII. The Family After Birth

- A. Adapting Nursing care for specific groups and cultures
- B. Cultural Influences on Postpartum care
- C. Postpartum changes in the mother
- D. Emotional Care
- E. Parenthood
- F. The Family care plan
- G. Care of the newborn
- H. Breastfeeding
- I. Formula feeding
- J. Discharge planning

- VIII. Nursing Care of Women with Complications After Birth
  - A. Shock
  - B. Hemorrhage
  - C. Thromboembolic Disorders
  - D. Infection
  - E. Sub involution of the uterus
  - F. Mood Disorders
  - G. The Homeless Mother and Newborn
  
- X. The Nurse's Role in Women's Health Care
  - A. Goals of healthy People 2020
  - B. Preventive health care for women
  - C. Menstrual Disorders
  - D. The Normal Vagina
  - E. Gynecological Infections
  - F. Family Planning
  - G. Infertility
  - H. Menopause
  - I. Pelvic Floor Dysfunction
  - J. Urinary Incontinence
  - K. Other female reproductive tract disorders
  
- XI. The Term Newborn
  - A. Adjustment of Extrauterine Life
  - B. Care of the Newborn
  - C. Newborn focus on systems
  
- XII. Preterm and Postterm
  - A. The preterm newborn
  - B. The postterm newborn
  - C. Transporting the High-risk Newborn
  - D. Discharge of the high-risk Newborn
  
- XIII. The Newborn with a Perinatal Injury or Congenital Malformation
  - A. Malformation present at birth
  - B. Metabolic Disorders
  - C. Chromosomal Abnormalities
  - D. Perinatal Injuries
  - E. Infant of a Diabetic Mother



## SCANS COMPETENCIES

- C-1 **TIME** – Selects goals – relevant activities, ranks them, allocates time, prepares and follows schedules.
- C-2 **MONEY** - Uses or prepares budgets, makes forecasts, keeps records and makes adjustments to meet objectives.
- C-3 **MATERIALS & FACILITIES** – Acquires, stores, allocates and uses materials or space efficiently.
- C-4 **HUMAN RESOURCES** – Assess skills and distributes work accordingly, evaluates performances and provides feedback.

### **INFORMATION – Acquires and Uses Information**

- C-5 Acquires and evaluates information.
- C-6 Organizes and maintains information.
- C-7 Interprets and communicates information.
- C-8 Uses computers to process information.

### **INTERPERSONAL – Works With Others**

- C-9 Participates as members of a team and contributes to group effort.
- C-10 Teaches others new skills.
- C-11 Serves Clients/Customers – works to satisfy customer’s expectations.
- C-12 Exercise Leadership – Communicates ideas to justify position, persuades and convinces others responsibility challenges existing procedures and policies.
- C-13 Negotiates – works toward agreements involving exchanges of resources; resolves divergent interests.
- C-14 Works With Diversity – Works well with men and women from diverse backgrounds.

### **SYSTEMS – Understands Complex Interrelationships**

- C-15 Understands Systems – Knows how social, organizational, and technological systems work and operate effectively with them.
- C-16 Monitors and Corrects Performance – Distinguishes trends, predicts impacts in system operations.
- C-17 Improves Designs Systems – Suggests modifications to existing systems and develops new or alternative systems to improve performance.

### **TECHNOLOGY – Works With a Variety of Technologies**

- C-18 Selects Technology – Chooses procedures, tools, or equipment, including computers and related technologies.
- C-19 Applies Technology to Task – Understands overall intent and proper procedures for setup and operation of equipment.
- C-20 Maintains and Troubleshoots Equipment – Prevents, identifies, or solves problems with equipment.

## FOUNDATION SKILLS

### **BASIC SKILLS – Reads, Writes, Performs Arithmetic and Mathematical Operations, Listens and Speaks**

- F-1 Reading – Locates, understands and interprets written information in prose and in documents such as manuals, graphs and schedules.
- F-2 Writing – Communicates thoughts, ideas, information and messages in writing and creates documents such as letters, directions, manuals, reports, graphs and flow charts.
- F-3 Arithmetic – Performs basic computations; uses numerical concepts such as whole numbers, etc.
- F-4 Mathematics – Approaches practical problems by choosing appropriately from a variety of mathematical techniques.
- F-6 Speaking – Organizes ideas and communicates orally.

### **THINKING SKILLS – Thinks Creatively, Makes Decisions, Solves Problems, Visualizes and Knows How to Learn and Reason**

- F-7 Creative Thinking – Generates new ideas.
- F-8 Decision Making – Specifies goals and constraints, generates alternatives, considers risks, evaluates and chooses best alternative.
- F-9 Problem Solving – Recognizes problems, devises and implements plan of action.
- F-10 Seeing Things in the Mind’s Eye – Organizes and processes symbols, pictures, graphs, objects and other information.
- F-11 Knowing How to Learn – Uses efficient learning techniques to acquire and apply new knowledge and skills.
- F-12 Reasoning – Discovers a rule or principle underlying the relationship between two or more objects and applies it when solving a problem.

### **PERSONAL QUALITIES – Displays Responsibility, Self-Esteem, Sociability, Self-Management, Integrity and Honesty**

- F-13 Responsibility – Exerts a high level of effort and perseveres toward goal attainment.
- F-14 Self-Esteem – Believes in own self-worth and maintains a positive view of self.
- F-15 Sociability – Demonstrates understanding, friendliness, adaptability, empathy and politeness in group settings.
- F-16 Self-Management – Assesses self accuracy, sets personal goals, monitors progress and exhibits self control.
- F-17 Integrity / Honesty – Chooses ethical courses of action.

**SCANS FOUNDATION AND COMPETENCY SKILLS (by course)**

**Foundations: (F) Competencies: (C)**

|           |  |                       |
|-----------|--|-----------------------|
| ECON 230: | 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 172, 15               |                       |
| ENGL 1301 | 1, 2, 5, 7, 8, 9, 11, 12, 13, 15, 16, 17               | 5, 6, 7, 8            |
| 1302      | 1, 2, 5, 7, 8, 9, 11, 12, 13, 15, 16, 17               | 5, 6, 7               |
| GOVT 2301 | 1, 2, 10, 11, 12, 17                                   | 15                    |
| HIST 1302 | 1, 2, 5, 10, 11, 12, 17                                | 15                    |
| MATH1314  | 3, 4, 9, 10, 11, 12                                    | –                     |
| PSYC 2301 | 1, 2, 10, 11, 12, 15, 16, 17                           | 4, 14                 |
| READ 1314 | 1, 2, 5, 7, 8, 9, 10, 11, 12, 15, 17<br>12, 13, 14, 15 | 1, 5, 6, 7, 8, 9, 10, |
| SPCH 1321 | 2, 4, 5, 6, 7, 8, 9, 10, 13, 14                        | 1, 5, 6, 7, 14        |
| SOC 1301  | 1, 2, 5, 8, 9, 10, 11, 12, 15, 16, 17                  | 4, 14                 |
| PHYS 1315 | 1,2,4,10,11,12   | –                     |

**Example for PSYC: Scans:** Foundation Skills: 1, 2, 10, 11  
Competencies: 4, 13

## **Syllabus Statements:**

### **4.1.1.1. Diversity Statement**

In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

### **4.1.1.2. Disabilities Statement**

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

### **4.1.1.3 Non-Discrimination Statement**

South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

### **4.1.1.4 Title IX Pregnancy Accommodations Statement**

If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Director of Health and Wellness at 806-716-2362 or email [cgilster@southplainscollege.edu](mailto:cgilster@southplainscollege.edu) for assistance.

### **4.1.1.5 OPTIONAL STATEMENT - Campus Concealed Carry Statement**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at:

<http://www.southplainscollege.edu/campuscarry.php>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

**Plagiarism Declaration  
Department of Nursing  
South Plains College  
(VNSG 1330.501)**

By signing this plagiarism declaration I acknowledge that I have received a copy of the honesty policy and been made aware that the penalty for plagiarism is dismissal from the program.

Examples of student plagiarism<sup>1</sup>

- Copying material without quotes, in-text citations, and/or referencing
- Paraphrasing content without in-text citation and/or referencing
- Copying ideas, words, answers, exams, or shared work from others when individual work is required
- Using another's paper in whole or in part
- Allowing another student to use one's work
- Claiming someone else's work is one's own
- Resubmitting one's own coursework, when original work is required (self-plagiarism)
- Falsifying references or bibliographies
- Getting help from another person without faculty knowledge or approval
- Purchasing, borrowing, or selling content with the intent of meeting an academic requirement for oneself or others

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Printed Name

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Signature

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Date

1. Smith, L. Conquering plagiarism in nursing education. *Nursing 2016*. 2016; 46(7):17-199