



Course Specification

(Bachelor)

Course Title: Obstetrics & Gynecology Nursing

Course Code: 352NUR-6

Program: Bachelor in Nursing

Department: Nursing

College: College of Nursing and Health sciences

Institution: Jazan University

Version: 2024

Last Revision Date: 24 November 2024



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A. General information about the course:

1. Course Identification

1. Credit hours: (6 (Theory: 3 hours; Practical: 3 hours))

2. Course type

A. ☐ University ☐ College ☐ Department ☐ Track ☒ Others
B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: (5th Level /3rd year)

4. Course general Description:

Obstetrics and gynecology nursing is a comprehensive course designed to provide nursing students with relevant instructional and clinical learning experiences in order to care for the childbearing woman and her family during ante-partum, intra-partum and postpartum periods. This course will enable graduate nurses to be competent in managing complaints and complications during pregnancy, labor & postpartum period, counsel mothers about family planning methods and manage common problems in gynecology.

5. Pre-requirements for this course (if any):

222 NUR-6 (Fundamentals of Nursing II)

6. Co-requisites for this course (if any):

None

7. Course Main Objective(s):

Upon completion of this course, students will:

1. Describe the anatomy of female reproductive system.
2. Discuss preconception care & genetic counseling for the couple & their family.
3. Explain conception & fetal development.
4. Comprehend physiological changes occurring in everybody system & the psychological changes during pregnancy.
5. Demonstrate skill in physical assessment of pregnant women and render appropriate antepartum care.
6. Identify signs & symptoms of labor process and provide care to women during intrapartum period.
7. Assist the mother and newborn during the postnatal period based on their needs.
8. Identify various complications occurring in the antenatal, intranatal and postnatal period and provide care with nursing process approach.
9. Recognize types of infertility, causes of infertility and ART management.
10. Discuss types of temporary and permanent family planning methods.
11. Outline different gynecological conditions affecting women and their nursing management.



2. Teaching mode (mark all that apply)

| No | Mode of Instruction | Contact Hours | Percentage |
|----|--|---|------------|
| 1 | Group Discussion, Role play, Problem-based learning Demonstration and Hands-on Activities for practical | Theory- 3hr x 15 weeks = 45 Practical – 6hr x 15 weeks = 90 | 100 % |
| 2 | E-learning | | |
| 3 | Hybrid <ul style="list-style-type: none"> Traditional classroom E-learning | | |
| 4 | Distance learning | | |

3. Contact Hours (based on the academic semester)

| No | Activity | Contact Hours |
|--------------|--------------------------|---------------|
| 1. | Lectures | 45 |
| 2. | Laboratory/Studio | 90 |
| 3. | Field | |
| 4. | Tutorial | |
| 5. | Others (specify) | |
| Total | | 135 |

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

| Code | Course Learning Outcomes | Code of PLOs aligned with program | Teaching Strategies | Assessment Methods |
|------|---|-----------------------------------|-----------------------------|---|
| 1.0 | Knowledge and understanding | | | |
| 1.1 | Describe terminologies and concepts in obstetrics and gynecology | K1 | Lecture Group Discussion | Assignment Class participation Written exam |
| 1.2 | Outline etiology, clinical picture, diagnosis, complications, and nursing management of health problems during the perinatal period and women's | K2 | | |



| Code | Course Learning Outcomes | Code of PLOs aligned with program | Teaching Strategies | Assessment Methods |
|------------|--|-----------------------------------|---|---|
| | health throughout their life cycle. | | | |
| 1.3 | Explain contemporary practice in obstetrics and gynecology nursing based on knowledge and technological advances to promote women-centered care. | K3 | | |
| 2.0 | Skills | | | |
| 2.1 | Demonstrate commitment to provide safe and evidenced based nursing care to patient in a variety of settings. | S1 | | |
| 2.2 | Apply basic and advanced skills in obstetrics and gynecology nursing. | S2 | | |
| 2.3 | Use appropriate technologies and related technical skills in obstetrics and gynecology. | S3 | Brainstorming Demonstration in lab Simulation lab. Multimedia. Role play. Problem- based learning. | Practical assignment Practical examination |
| 2.4 | Use communication skills with women and their families in the context of the healthcare environment. | S4 | | |
| 2.5 | Practice critical thinking skills in designing nursing care plan for obstetrics and gynecology clients. | S5 | | |
| 3.0 | Values, autonomy, and responsibility | | | |





| Code | Course Learning Outcomes | Code of PLOs aligned with program | Teaching Strategies | Assessment Methods |
|------|--|-----------------------------------|---|--|
| 3.1 | Conform to professional and academic values, standards, and ethical code of conduct in obstetric nursing practice. | V1 | Role play Discussion Collaborative learning/ teamwork Problem based learning | Assignment Observation in class. Students discussion |
| 3.2 | Engage in teamwork, interdisciplinary care and collaborative activities. | V2 | Individual and groups assignment | |

C. Course Content

| No | List of Topics | Contact Hours |
|----|--|--------------------|
| 1. | Theory: Review - anatomy of female reproductive system, Preconception care, Prenatal diagnostic tests & genetic counseling Practical: Basic instruments used in Obstetrics & Gynecology. Obstetrical terminology, Calculation of obstetrical score & EDD, | L = 3 P = 6 |
| 2. | Theory: Menstrual cycle, Conception & fetal development - Fertilization, implantation, development of embryo, placenta, amniotic fluid & umbilical cord, and fetal circulation, Practical: Antenatal general assessment Abdominal examination | L = 3 P = 6 |
| 3 | Theory: Physiological and psychological changes in pregnancy; Antepartum care history collection, Laboratory diagnosis, physical assessment, Frequency of visit, patient education guidelines, Nursing diagnosis & intervention; Minor disorders & self - care measures Practical: Fetal skull, Female pelvis | L = 3 P = 6 |
| 4 | Theory: Intrapartum care – Initiation of labour, factors affecting labour process, Premonitory signs, Stages of labour, Difference B/W true & false labour, Nursing process application in first stage, second stage and third stage of labour | L = 3 |



| | | |
|----|---|---------------------|
| | Practical: Vaginal examination & ARM Partograph | P = 6 |
| 5 | Theory: Postpartum care – phases, physiological changes, psychological/behavioral changes, Postpartum assessment, Nursing process application in postpartum women Practical: Conduction of normal vaginal delivery Placental examination, | L = 3 P = 6 |
| 6 | Theory: High risk pregnancy 1 - Ectopic pregnancy, Gestational trophoblastic disease, Spontaneous abortion, , Placenta previa, Placental abruption,. Practical: Episiotomy repair & perineal care Immediate newborn care | L = 3 P = 6 |
| 7 | High risk pregnancy 11 Hyperemesis gravidarum Hypertensive disorders, Multiple pregnancy, Diabetes mellitus, Anemia, Rh incompatibility, and Infections Practical: Postnatal assessment | L = 3 P = 6 |
| 8 | Theory: Abnormal labour 1 - PROM, preterm labour, precipitate labour, prolonged labour; injury to birth canal – laceration, perineal tear, hematoma Practical: Breast care & management of breast problems Pelvic examination & pap smear Orientation to hospital & clinical evaluation | L = 3 P = 6 |
| 9 | Abnormal labor 11 Obstetrical emergencies - cord prolapse, vasa previa, amniotic fluid embolism, inversion of uterus, rupture of uterus. Instrumental deliveries – forceps/vacuum cup; operative delivery – caesarean section Practical: Clinical training | L = 3 P = 6 |
| 10 | Theory: Abnormal puerperium - early postpartum complications- postpartum hemorrhage, puerperal sepsis, breast problems, thromboembolic disorders & psychiatric disorders; Nursing management; Late postpartum complications – obstetrical fistula, cystocele, rectocele, and genital prolapse. Practical: Clinical training | L = 6 P = 12 |





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|--------------|---|---------------------|
| 11 | Theory: Infertility-definition, types, causes & treatment; Family planning - definition, temporary & permanent family planning methods; Gynecological assessment & investigations. Practical: Clinical training | L = 6 P = 12 |
| 12 | Theory: Menstrual disorders – Dysmenorrhea, PMS, Amenorrhea, DUB & Menopause; Congenital abnormalities of mullerian duct; Reproductive tract malignancy – fibromyoma, ovarian, cervical cancer, & breast cancer, ovarian cyst – PCOD, Gynecologic operations: hysterectomy; nursing management. Practical: Revision | L = 6 P = 12 |
| Total | | 135 |

D. Students Assessment Activities

| No | Assessment Activities * | Assessment timing (in week no) | Percentage of Total Assessment Score |
|------------------------------------|---|-----------------------------------|---|
| Continuous evaluation (40%) | | | |
| 1. | Midterm Theory Exam (MSQs) | 8th | 20% |
| | Practical Assignment (Oral presentation in clinical settings) | During Clinical Rotation | 5% |
| | Hospital Assessment (Clinical Performance Evaluation) | During Clinical Rotation | 10% |
| | Discipline & Behavior | For all weeks | 5% |
| 2. | Final Practical (oral and written exam) | 17th | 20% |
| 3. | Final theory (MCQs) | 18-19th | 40% |
| 4. | Total | | 100% |

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

| | |
|------------------------------|--|
| Essential References | Davidson, M. London, M. Ladewig . P. Maternal-newborn nursing and women's health across the lifespan (2023). (12th Edition). Boston: Pearson |
| Supportive References | Jayne Marshall. Myles Textbook for Midwives (2022) ; 17th Edition Elsevier. ISBN-10: 0702076422, ISBN-13: 978-0702076428 |



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|--------------------------|---|
| Electronic Materials | https://www.nlm.nih.gov/pub med access for all abstracts) https://scholar.google.com/(Google scholar) |
| Other Learning Materials | American college of Obstetrics & Gynecology - https://www.acog.org/ World health Organization - https://www.who.int/publications |

2. Required Facilities and equipment

| Items | Resources |
|---|--|
| facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.) | <ul style="list-style-type: none"> Classroom with 50 student capacity, equipped with traditional and smart board Laboratory with 30 student capacity equipped with Dummy, Models (Female pelvis/Fetal skull/Fetal development/Placenta/half Dummy/cervix) Clinical Training in hospitals offering Obstetrics & Genealogy services Simulation lab - <u>NOELLE® Labor and Delivery SLE Courseware Package</u> |
| Technology equipment (projector, smart board, software) | <ul style="list-style-type: none"> Projector Blackboard software with WIFI facility Smart Board with ICT software and internet connection in the classrooms; audio speakers for voice amplification and audio streaming; lapel and handheld microphones for teacher and students. |
| Other equipment (depending on the nature of the specialty) | <ul style="list-style-type: none"> Library with adequate copy of textbooks Journal displayer SDL Digital platforms |

F. Assessment of Course Quality

| Assessment Areas/Issues | Assessor | Assessment Methods |
|--------------------------------------|------------|---|
| Effectiveness of teaching | Students | Course Report Students' teaching evaluation questionnaire. Continuing feedback from students during the semester. |
| Effectiveness of Students assessment | Instructor | Course report CLO Evaluation survey |

| Assessment Areas/Issues | Assessor | Assessment Methods |
|---|------------------------|--|
| | | Continuing feedback from students during the semester. |
| Quality of learning resources | Quality Assurance Unit | Students Satisfaction Survey Continuing feedback from students during the semester. |
| The extent to which CLOs have been achieved | Instructor | Course report CLO Evaluation survey Continuing feedback from students during the semester. |
| Other | | |

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

G. Specification Approval

| | |
|--------------------|----------------------------|
| COUNCIL /COMMITTEE | Nursing Department Council |
| REFERENCE NO. | NUR 2508 |
| DATE | Jan 15, 2025 |

