

Kingdom of Saudi Arabia

Ministry of Higher Education

Nursing College



***Directory of
Nursing Skills
Laboratories,
Faculty of Nursing,
Najran University,
1438-1439H***

Directory of Faculty of

Preparation Committee

Dr. AbeerYahya Mahdi Shalabi

Mrs. Samiah Mohamed Mohamed

Mrs.Mervat Amin Mohammed Al-Madbouli

Mrs.ItidalAttiyah Al – Arjan

Mrs.Iman Mohamed Haloul

Mrs.Mwaheb Ahmed Abdullah

Mrs.Tricetasumdan

Mrs.HananSaad

Mrs.HananJaber

Review Committee

Academic Supervisor: Zahra HamadQamish

College Coordinator: Dr. Nahed Khalil Al-Faki

Serial NO.	Subject.	Page number
1	Dean's word.	4
2	Word of the College Coordinator.	4
3	Introduction.	5
4	Formation of the committee of laboratories.	6
5	Tasks of the Commission of Laboratories.	7
6	Training Rules.	8
7	Training phases, training conditions, target group and training mechanism.	9
8	Methods of teaching and learning laboratories and evaluation strategies.	10
9	Security and safety precautions and security equipment and equipment.	11
10	Levels of study and use of nursing laboratories.	12
11	Database machines and equipment.	13-19
12	Database of faculty members and nurses in laboratories.	20
13	Nursing Study Plan.	21
14	Study plans for different levels of laboratories and study schedules.	22-30

Dean's word

The College of Nursing is one of the practical practical colleges where it relies heavily on the existence of skills labs in order to achieve its basic objectives so that the practical content can be integrated with the theoretical content because there is no gap between them. There is no doubt that the training of female students in the laboratories confirms the student's confidence in herself and raises the professional performance and achieves the safety of the student and .the patient

Word of the College Coordinator

Nursing skills laboratories provide opportunities for nursing students to master the skills needed to provide safe health care. The Skills Lab is an ideal environment that enables students to develop self-confidence in learning basic principles in various areas of nursing. The College encourages the use of the laboratory as a training of acquired skills before the students apply in the hospital in order to prepare the students in the real environment (hospital). The laboratory has the latest technology allowing the students to simulate and practice different clinical situations

Committee of the Faculty of Nursing Najran

The laboratories at the Faculty of Nursing are one of the most important components of the basic infrastructure of the college, including machinery, equipment and equipment. As the laboratory in the college is the basis of training and application of nursing skills this to achieve the vision and mission of the college so has been equipped 6 basic nursing skills laboratories equipped and equipped with all modern means to train students on the nursing skills required to achieve the message. The College will update all the training methods in keeping with the latest in the fields of training and teaching nursing skills

The committee of the faculty hopes

The College of Nursing should be a leader in the teaching of nursing skills training at the university level and linking theoretical education with practical training

To achieve this hope, the College and the Laboratories Committee are seeking.

Preparing a graduate of a nursing specialist with a high degree of competence and quality in basic and specialized nursing skills for the ability to provide a safe and effective degree for the care of patients in health facilities and community service through specific goals

- 1- Training in nursing skills required to achieve the objectives of the college.
- 2- Ability to solve problems and take nursing decisions.
- 3- Critical thinking.
- 4- Planning and coping with crises.
- 5- Contribute to the community service through training and continuous development through holding training courses.
- 6- Commitment to quality standards in training.

Formation of the committee of laboratories

E-mail	Liability in laboratories	Degree	Member	No.
Nahid1768@hotmail.com	College Coordinator	Assistant Professor	Dr. Nahed Khalil Al-Faki	1
maysara233@yahoo.com	Chairperson of the Committee of Laboratories	Assistant Professor	Dr. AbeerYahya	2
aishaaldreby@gmail.com	Member Training Officer	lecturer	Mss. Ayesha Ramadan	3
Mawahib12@hotmail.com	Member Training Officer	lecturer	Mss. Mwaheb Ahmed	4
dr.aber_alberr@yahoo.com	Member Training Officer	Lecturer	Mss.Abeer Ali	5
mervatamen30@yahoo.com	Member Training Officer	Nursing School	Mrs. Mervat Amin	6
m.samia50@yahoo.com	Member Training Officer	Nursing School	Mrs. Samiah Mohamed	7
Retalfayz@yahoo.com	Member Training Officer	Nursing School	Mrs. ItidalAttiyah	8
imanhalol@yahoo.com	Member Officer Training	Nursing School	Mrs. ImanHaloul	9
Teresita.sumaden@yahoo.com	Member Training Officer	Nursing School	Mrs. Tricetasumdan	10

Tasks of the Commission of Laboratories.

- 1-Study the needs of the college of laboratories and the necessary equipment and materials
- 2-To develop a general perception of the plants, their arrangement and their relation with each other and the appropriate areas for each plant and the required spaces.
- 3-Work on the processing of the plant in a manner that suits its purpose, and provide all requirements
- 4-Preparation of technical and training models to ensure the needs of laboratories.
- 5-Raising the requirements of different plants .
- 6-Ensure that the specifications of the required equipment are met and operated for the laboratories before receiving.
- 7-Ensure that there is periodic maintenance of the plants, and replace the damaged especially with the end of each semester
- 8-Equipping the laboratories with the required furniture as well as the appropriate educational means.
- 9-Follow-up of laboratories, laboratories and laboratories .
- 10-Enable faculty members to benefit from laboratory equipment for their own scientific research and research that serves the community.
- 11-Study the needs of the laboratories of engineers, technicians and assistants necessary for the organization and processing of laboratories.

Training Rules

- ☐ All students are required to adhere to the requirements specified by the college and in line with the philosophy of the university
- ☐ Trim nails and non-Altarj.
- ☐ Do not wear jewelry and accessories.
- ☐ Good appearance.
- ☐ Commitment to the required training tools such as (clockwise, pen all colors, small notebook, personal identification card, thermometer, (scissors, speaker pressure device, light device if possible).
- ☐ The students' time is from 8 am to 2 pm. The delay is only five minutes. If the delay is repeated three times, the absence of the student is calculated with a convincing excuse. If the student is over a quarter of an hour.
- ☐ The student must not be absent without a convincing excuse and exceed the absence of the student more than 25%.
- ☐ The student must adhere to good morals and good communication with all.
- ☐ Do not use mobile.
- ☐ Keep the tools clean and return them to their places after use.

The initial training phase is part of the curriculum.

- ☐ The College follows up the practical training in laboratories and hospitals.
- ☐ The student must abide by the instructions of the laboratory and perform all duties and tasks required.
- ☐ Commitment to good behavior within the laboratory.
- ☐ Attend the periodic evaluation as scheduled

Training phases, training conditions, target group and training mechanism.

The phase of the use of the laboratory starts from the third level beginning with the first aid material and the health measurement in the application of the practical part

The fourth level --- the basics of nursing

Level 5 - Internal and Surgical Nursing 1

Level 6 Internal and Surgical Nursing 2+ Mental Health Nursing + Critical Care Nursing

Level 7 - Nursing of children + Nursing of women and obstetrics

Level 8 - Community Health Nursing + Nursing Management

.Students are divided into groups within a weekly schedule -

The practical material occupies 35% of the total grade of the material -

.Students are subject to written and applied examinations -

The student receives a checklist in which she writes skills that she -
.completed successfully

The laboratory uses multiple means of learning including computer, computer, role-playing and others

Training mechanism

-The student receives the training program through the different levels of study starting from the third level.

-The first aid is 2 hours per week and the health measurement is three hours per week.

-Nursing, Nursing, Internal Medicine, Nursing, Nursing and Obstetrics, 12 hours per week.

- Nursing, Nursing and Mental Health Nursing, 6 hours per week.

Teaching and learning methods used in laboratories

4. Active learning	۳-Self-education	2 - interactive learning includes (collaborative learning, e - learning and brainstorming)	1-Experimental learning
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Evaluation strategies

Performance - based calendar Its effectiveness (Progressive Presentation, Demonstration, Performance, Exhibition, Simulation, Role Playing, Discussion and Debate)	The actual assessment reflects the trainee's performance and measures its results in real situations	The strategy of observation to record the behavior of the trainee and its interaction with everyone and knowledge and trends and trends	Communication strategy is useful in identifying trainees' needs and training planning
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Security precautions

Especially at the location of the laboratory at the appropriate location of the educational institution building (at the back of the building).

As far away as possible from the classrooms.

Suitable for the number of students engaged in laboratory work activities.

Security and safety equipment

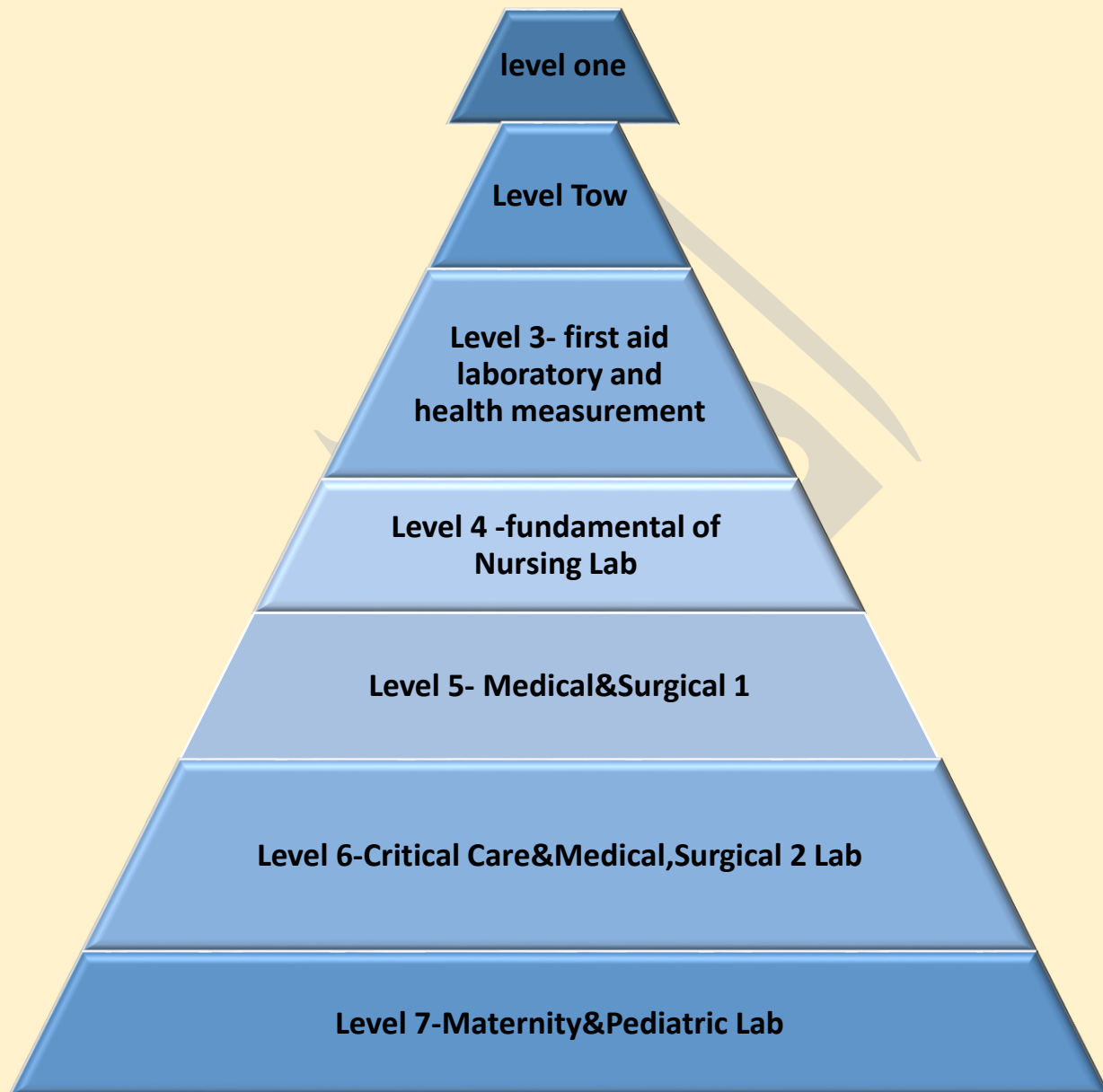
**System
Alarms are
difficult**

Warning signs

**Plastic waste
container**

**Fire
extinguishing
equipment**

Levels of study and use of nursing skills labs



Database of machines and equipment in laboratories

First: first aid laboratory



First aid and health assessment lab equipment

<i>Equipment</i>	<i>NO.</i>
CPR adult doll	2
CPR child doll	1
CPR infant doll	3
total patient care doll	1
Airway management trainer doll	1
Emergency kit	1
Patient bed	1
Very small O 2 cylinder	2
Crutches (3 metal 1 wood)	4
Small metal box container	1
Stretcher (4 metal and 1 from clothes)	5
Orange bag contain opening air way equipment	1
Artificial air way set	1
Ambu bag (1 small, 4 large)	5
Air splint	2
Snellen chart.	1
Proctoscope.	2
Ophthalmoscope.	1
E N T set.	2
Tuning fork set	1

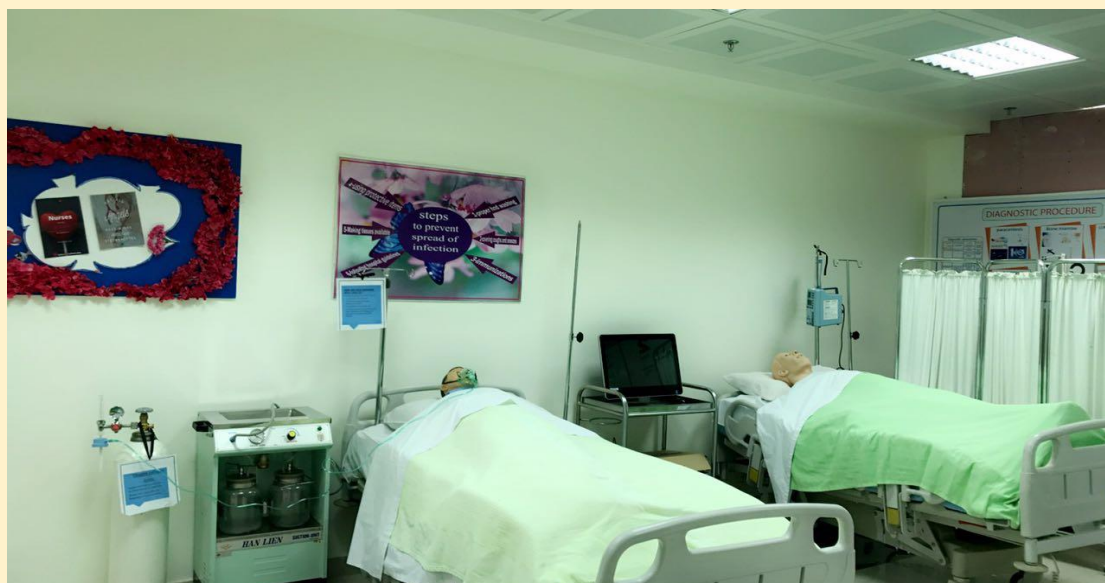
Second: Basic Nursing Lab



Fundamental of nursing equipment

<i>Equipment</i>	<i>NO.</i>
Simple Susie female patient care doll	1
Blood pressure training system with speakers	1
Half doll for intramuscular injection	1
Intra venous (I .V) Arm	1
Infusion pump	1
(I. V) stand.	1
electrical patient bed	1
Manual Bed.	3
Standing balance scale.	2
Hot air oven for sterilization.	1
Geri and keri doll	1
Pulse oximeter.	1
Steam inhalation apparatus.	1
E C G apparatus.	1
Blood pressure apparatus mercury.	9
Blood pressure aneroid apparatus.	2
Blood pressure digital.	2
Operation set.	2
Stethoscope.	15
Air mattress.	1
Glucometer.	1
Foot stool.	1
Blood pressure training system with speakers	1

Third: Medical and surgical lab



Medical surgical lab equipment

<i>Equipment</i>	<i>NO.</i>
large Oxygen cylinder	1
IV stand	1
Screen	1
Electronic bed	2
Adult Doll for patient care	2
Standing balance scale	2
Examination table	1
Aneroid pressure device	2
Mercury pressure device	2
Catheterization set	1
Arm for blood transfusion	1
Glucose check set	2
stethoscope	4
Amputated leg	1
Blood transfusion arm	1
Pulse oximeter	1
Snellen chart	1
Infusion pump	1

Fourth: *Pediatric Lab*



Pediatric lab equipment

<i>Equipment</i>	<i>NO.</i>
Advanced infant CPR.	1
digital baby scale.	1
Pediatric weight scale	1
aneroid BP scale	1
Stethoscope	1
ambubag	1
cold box	1
.pediatric inject able training head simulator	1
electrical patient bed	1
pediatric doll	2
.patient table	1
IV stand	3
foot stool	1
Water Basin	1

Fifth: criticalcarelab



critical care lab equipment

<i>Equipment</i>	NO.
Teacher table	1
IV stand	3
electronic bed	2
Foot stool	1
Mattress	1
Adult doll for training on the teaching of nursing examination bed	1
Upper half of an amputated hand	1
The lower half doll of amputated feet	1
Training part for injection	1
Adult arm for training on the blood pressure with speakers	1
half doll for training on cardiopulmonary resuscitation for adults	1
Green bag with child doll for training CPR	1
Bed drawer	1
laryngoscope	1

Maternity Nursing Lab



Maternity nursing equipment

Equipment	NO
birthing mechanism with fetus	1
patient bed with mattress	1
exam and delivery bed	1
full size dummy for pd	1
warmer with stainless tray	1
White board	1
Examination light	1
Iv stand	1
Trolley	1
Human fetus in pregnant uterus	3
Pelvic bone	2
Full size fetus	2

Model for fetal development	6
Drum stainless	2
Birthing station simulator	1
Gluck check set	3
Model for breast care	1
Sphygmomanometer	6
Stethoscope	6
Baby care fetal Doppler without battery and gel	1
Cautery machine	1
Basin stainless	2
Cervical hegarpilato	2
Hegardoubleended dilator	2
Kidney basin	6
Salinebowel	6
Rectangular stainless container	9
Infant weighing scale	1
Rectangular dressing tray with cover	3
Plastic bed pan	3
Vaginl speculum	1
Tissue forceps with teeth	5
Tissue forceps without teeth	5
Delivery forceps	2
Pinard	1

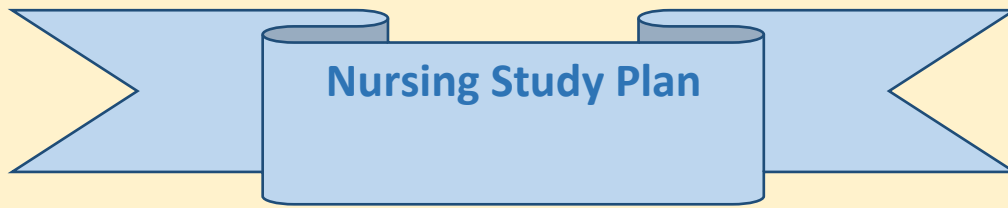
لمزيد من التفاصيل حول صور محتويات المعامل يمكن الدخول على الرابط التالي:

[http://portal.nu.edu.sa/web/nursing-](http://portal.nu.edu.sa/web/nursing-college,jsessionid=07E395F8022926F4EBECCF824B8E0A8C.S2)

[college,jsessionid=07E395F8022926F4EBECCF824B8E0A8C.S2](http://portal.nu.edu.sa/web/nursing-college,jsessionid=07E395F8022926F4EBECCF824B8E0A8C.S2)

Database of faculty members and nurses in laboratories

The plant responsible for it	Nursing Teachers	Faculty Member	
<i>Medical surgical lab</i>	Mrs. ImanHaloul	Mss. Ayesha Ramadan Mss. Mwaheb Ahmed	1
<i>Fundamental of nursing Lab</i>	Mrs. Mervat Amin Mss.Abeer Ali	Dr. AbeerYahya	4
<i>critical care lab</i>	Mrs. Mervat Amin	Mss. AminaIdreess	5
<i>Maternity nursing Lab</i>	Mss.Nouf Al- Najrany Mrs. Tricetasumdan	Dr. HebaAbdullfatahMss.Rasheda Abed Alraheem	6
<i>Pediatric lab</i>	Mrs. Samiah Mohamed Mrs. ItidalAttiyah	Dr. HwaidaMoawad	7
<i>First aid lab</i>	Mrs. Mervat Amin	Mss. AminaIdreess	8
<i>health assessment lab</i>	Mss. Mwaheb Ahmed	Mss. Mwaheb Ahmed	11



Nursing Program

The nursing program was designed to graduate nurses who hold a bachelor's degree in general nursing. The nursing program consists of (123) credit hours, where nursing courses constitute (26) credit hours of total hours. The rest of the hours are distributed to the university's decisions, the general courses of the college, and the basic decisions of the college.

Study plans for different levels of laboratories and study schedules

Najran University

Nursing collage

Department of General Nursing

Course title and code: Health assessment220 NUR-2

Topic	Contact hours
1-Health history	4
2- Fundamental physical assessment	4
3-Integumentary system	4
4- Head and neck	16
5- Breast and axilla	4
6-Respiratory system	4
7-Canrdiovascular system	4
8-Gastrointestinal system	4
9-Female genitourinary system	4
10-Musculoskeletal system	4
11-Neurological system	4
Physical examination of infants and children	4

Training includes:

- Demonstration.
- Redemonstration.
- Revision.
- Practical evaluation at the lab

Dept. of Medical surgical Nursing**Course title and code: Fundamentals of Nursing 211NUR-8****Level: 4**

List of Topics	Total Practical hours=180 h	Contact hours
1-Body mechanics		6h/week
2-Medical asepsis		6 h/week
3-hand washing		6h/week
4-Surgical scrub		12h/week
5-Weight and height		6h/week
6-Body temperature		12 h/week
7-Pulse and respiration		6 h/week
8-Measuring Blood Pressure		12h/week
9-Bed Bath		12 h/week
10-Hair Shampoo		6 h/week
11-Mouth Care		12 h/week
12-Position		6 h/week
13-Turning and Moving		6 h/week
14-Bed Making		12 h/week
15-Range of Motion Exercises		6 h/week
17-Administration of Medications a. Administering Oral Medications b. Removing Medications From an Ampoule c. Removing Medications from a Vial d. Giving an Intra-Muscular Injection e. Giving an Intra-Dermal Injection f. Giving a Subcutaneous Injection g. Starting an Intra-Venous Infusion & Intravenous Therapy		30h/week

Training includes:

- **Demonstration.**
- **Redemonstration.**
- **Revision.**
- **Practical evaluation at the lab.**

Dept. of Medical surgical Nursing

Course title and code: Critical Nursing 319 NUR - Level: 64

List of Topics	Total Practical hours= 90 h	Contact hours
1-Tracheostomy & endotracheal tube suctioning		6h/week
2-Oxygen saturation by pulse oximetry		3 h/week
3-care of patient on mechanical ventilation		3h/week
4- Cardiopulmonary resuscitation		6h/week
5- Arterial puncture		6h/week
6- Defibrillation & cardio version		3 h/week
7- Central venous pressure (CVP)		3 h/week

This table reflect training in the lab only. Followed by training in the hospital

Training in the lab. Includes:

- **Demonstration.**
- **Redemonstration.**
- **Revision.**
- **Practical evaluation at the lab.**

Dept. of Medical surgical Nursing

Course title and code: First aid 218AID-2-Level: 3rd

List of Topics	Total Practical hours =45hrs	Contact hours
1-Demonstration of Equipment and supplies of first aid		1h/week
2- primary survey and secondary survey		1 h/week
3-ER care of shock and ER of bleeding		1h/week
4- ER care of wound		1h/week
5- Splinting of the main area of the body		3 h/week
6- ER care of Chocking for adult and children		3h/week
7- ER care of Chocking for infant		3 h/week
8- CPR FOR adult , children and infant		3 h/week

Training includes:

- **Demonstration.**
- **Redemonstration.**
- **Revision.**
- **Practical evaluation at the lab.**

Dept. of Maternity and Childhood**Course title and code: Pediatric nursing NUR- 433-Level :7****Total Practical hours=180**

Topics	Contact hours
Physical examination of children	12h/week
Vital signs	12 h/week
Incubator care	12 h/week
Bathing	12 h/week
Infant feeding	12h/week
Anthropometric measure	12 h/week
Oxygen therapy	12h/week
Neonatal resuscitation	12 h/week
Small volume nebulizer	6 h/week
Blood samples	6 h/week
Urine and stool samples	6 h/week
Throat culture	6 h/week
Drug administration	30 h/week
Phototherapy	6 h/week
Suction	18 h/week
Restraint	6 h/week

Training include clinical training in the hospital.**Training includes:**

- **Demonstration.**
- **Redemonstration.**
- **Revision.**
- **Practical evaluation at the lab.**

Department of Maternity and Child Health Nursing Course
title and code: Obstetrics and Gynecological Nursing 431 NUR-

7


Topics	Contact hours
Antenatal :-	36
Physical Examination for pregnant woman.	6
Leopold maneuvers	6
Auscultation Fetal Heart Rate.	6
Assessing Pitting Edema	6
Urine dipstick	6
Prepare woman for ultrasound examination	6
LABOUR:-	42
Mechanism of labor	6
Vaginal examination during labor	6
Intrapartum electronic fetal monitoring	6
The Partogram	6
Perineal care	6
Episiotomy	6
Placental examination	6
NEWBORN :	33
Immediate care of the newborn	6
Apgar scoring system	6
Umbilical cord care	6
Assessing Vital signs	6
Anthropometric measurements	6
Eye care	3

Postnatal:-	33
Postpartum assessment	6
Care of Episiotomy	6
Postpartum Abdominal examination	6
Self-perineal care	6
Routine episiotomy care	6
Breast care	3
GYNECOLOGY	36
Pelvic Examination and Pap Smear	6
Preoperative Care For Gynaecological Patient	6
Postoperative Care For Gynaecological Patient	6
Vaginal Irrigation or Douche	6
Breast self –Examination	6
Insertion of Vaginal Suppositories	6

Training include clinical training in the hospital.

Training includes:

- **Demonstration.**
- **Redemonstration.**
- **Revision.**
- **Practical evaluation at the lab.**



With best wishes and
success
Committee of
Laboratories