

# Republic of Yemen

Ministry of Higher Education & Scientific Research

21 SEPTEMBER UNIVERSITY of MEDICALS & APPLIED  
SCIENCES



## Faculty of Medicine

Bachelor Program of Medicine and Surgery (MBBS)

### Course Specification of Fundamental of Nursing

Course No. (A21F118)

2023



T4: This Template is Developed and Approved by CAQA-Yemen, 2023

Prepared by:	Reviewed by:	Quality Unit:	Dean of Medicine Faculty	Center of Development and Quality Assurance Dean
Assoc Prof. Abdulhameed Al-Thaifani	Dr. Fares Mahdi	Dr. Fadhl Shujaa Al-deen	Dr. Salwa Al-Ghomeri	Dr. Mohammed Al-shamahi

## I. General Information:

1.	Course Title:	Fundamental of Nursing				
2.	Course Code:	A21F118				
3.	Credit Hours:	Credit Hours	Theory Contact Hours		Practical Contact Hours	
			Lecture	Tutorial/ Seminar	Lab	Clinical
		3	2	--	2	--
4.	Level/ Semester at which this Course is offered:	1 <sup>st</sup> Level / 1 <sup>st</sup> Semester				
5.	Pre –Requisite (if any):	NON				
6.	Co –Requisite (if any):	Introduction to Physiology & Anatomy				
7.	Program (s) in which the Course is Offered:	Bachelor of Medicine and Surgery (MBBS)				
8.	Language of Teaching the Course:	English				
9.	Location of Teaching the Course:	Faculty of Medicine				
10.	Prepared by:	Assoc Prof. Abdulhameed Al-Thaifani				
١١	Date and Number of Approval by Council:	2023				

## II. Course Description:

The course concerns on the development of student's skills and practices needed in hospital setting, such as admission and discharge, vital signs, physical examination and mobility and immobility. In clinical training the course teaches infection control, hygienic measures, medication administration and wound care.

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III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs	
<b>A. Knowledge and Understanding:</b>		I, P or M/A	
a1	Explain the principles of admission and discharge, infection control and procedures and techniques of wound care.	M	A4
a2	Demonstrate understanding of health assessment, vital signs, personal hygiene, mobility and immobility and medication administration		
<b>B. Intellectual Skills:</b>			
b1	Differentiate between medical and surgical asepsis.	A	B3
b2	Recognize the difference between normal and abnormal assessment data, normal and abnormal vital signs through the process of critical thinking.		
<b>C. Professional and Practical Skills:</b>			
c1	Apply appropriate infection prevention practices during dressing, hygiene, admission, physical examination and medication administration	P	C3
c2	Implement special nursing therapy and measures in clinical setting such as: medication administration, wound care, infection control, vital signs and hygiene		
<b>D. Transferable Skills:</b>			

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d1	Utilizes the value of inter-professional collaborative practice, coordination and interpersonal communication skills when dealing with colleagues.	I	D3	Respect the different cultural beliefs, ethics, personalities, privacy and values for patients and community with a good behavior and follow the institutional and national roles of medical practice
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I= Introduced, P=Practiced or M/A= Mastered/Advanced

(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
a1	Explain the principles of admission and discharge, infection control and procedures and techniques of wound care.	- Lecture	▪ Written exam
a2	Demonstrate understanding of health assessment, vital signs, personal hygiene, mobility and immobility and medication administration		
(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
b1	Differentiate between medical and surgical asepsis	▪ Lecture ▪ Brain storming	▪ Written exam ▪ Assignment
b2	Recognize the difference between normal and abnormal assessment data, normal and abnormal vital signs through the process of critical thinking.		
(C) Alignment of Course Intended Learning Outcomes (Professional and Practical			

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### Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
c1 .Apply appropriate infection prevention practices during dressing, hygiene, admission, physical examination and medication administration	<ul style="list-style-type: none"> <li>Practical lab</li> </ul>	<ul style="list-style-type: none"> <li>Practical exam</li> </ul>
c2 Implement special nursing therapy and measures in clinical setting such as: medication administration, wound care, infection control, vital signs and hygiene.		

### (D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1 Utilizes the value of inter-professional collaborative practice, coordination and interpersonal communication skills when dealing with colleagues	<ul style="list-style-type: none"> <li>Case Study</li> </ul>	<ul style="list-style-type: none"> <li>Oral Discussion</li> <li>Assignment</li> </ul>

## IV. Course Contents:

### A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Hospital admission and discharge	<ul style="list-style-type: none"> <li>Admission to the hospital</li> <li>Unit and its preparation</li> <li>Admission procedure</li> <li>Special considerations</li> <li>Medico-legal issues</li> <li>Roles &amp; responsibilities</li> </ul>	1	2	a1, d1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
		<ul style="list-style-type: none"> <li>▪ Common response to admission</li> <li>▪ Discharge from the hospital</li> <li>▪ Types: Planned discharge,</li> <li>▪ LAMA and abscond, Referrals and transfers</li> <li>▪ Discharge Planning</li> <li>▪ Discharge procedure</li> <li>▪ Care of the unit after discharge</li> </ul>			
2-3	<b>Health protection and asepsis Infection control</b>	<ul style="list-style-type: none"> <li>▪ Nature of infection</li> <li>▪ Chain of infection transmission</li> <li>▪ Defenses against infection: natural and acquired hospital acquired infection (Nosocomial infection)</li> <li>▪ Concept of asepsis</li> <li>▪ Medical asepsis               <ul style="list-style-type: none"> <li>- Hand washing: simple, hand antisepsis</li> <li>- Personal protecting equipment (PPE): types, uses and technique of wearing and removing</li> <li>- Standard safety precautions (Universal precautions)</li> </ul> </li> <li>▪ Surgical asepsis               <ul style="list-style-type: none"> <li>- Definition</li> <li>- Principles of surgical asepsis</li> <li>- Method of sterilization</li> </ul> </li> <li>▪ Biomedical waste management:               <ul style="list-style-type: none"> <li>- Decontamination of hospital waste</li> </ul> </li> </ul>	2	4	a1, b1, d1
4-5	<b>Vital signs and Health assessment</b>	<ul style="list-style-type: none"> <li>○ Guidelines for taking vita! signs: <b>Body temperature:</b></li> <li>○ Physiology, Regulation, Factors affecting body temperature,</li> <li>○ Assessment of body temperature: sites, equipments and technique, special considerations</li> <li>○ Temperature alterations: hyperthermia, Hypothermia</li> <li><b>Pulse:</b></li> </ul>	2	4	a2, b2, d1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
		<ul style="list-style-type: none"> <li>✓ Physiology and Regulation, Characteristics of the pulse, Factors affecting pulse</li> <li>✓ Assessment of pulse: sites, location, equipments and technique, special considerations</li> <li>✓ Alterations in pulse:</li> </ul> <p><b>Respiration:</b></p> <ul style="list-style-type: none"> <li>✓ Physiology and Regulation, Mechanics of breathing Characteristics of the respiration, Factors affecting respiration</li> <li>✓ Assessment of respirations: technique, special considerations</li> <li>✓ Alterations in respiration</li> </ul> <p><b>Blood pressure:</b></p> <ul style="list-style-type: none"> <li>✓ Assessment of blood pressure: sites, equipment's and technique, special considerations</li> <li>✓ Alterations in blood pressure</li> </ul> <p><b>Recording of vital signs</b></p>			
6-7	Health assessment	<ul style="list-style-type: none"> <li>○ Purposes</li> <li>○ Process of Health assessment <ul style="list-style-type: none"> <li>▪ Health history</li> <li>▪ Physical examination: <ul style="list-style-type: none"> <li>▪ Methods- inspection, Palpation, Percussion, Auscultation,</li> <li>▪ Preparation for examination: patient and unit.</li> <li>▪ General assessment</li> <li>▪ Assessment of each body system</li> <li>▪ Recording of health assessment.</li> </ul> </li> </ul> </li> </ul>	2	4	a2, b2, d1
8	Med- term exam		1	2	a1, a2, b1, b2,
9-10	Administration of Medications	<ul style="list-style-type: none"> <li>• General Principles/ consideration</li> </ul> <p>Principles: 10 rights of Medication</p> <ul style="list-style-type: none"> <li>▪ Administration; special consideration; Prescriptions;</li> </ul>	2	4	a2, d1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
		<ul style="list-style-type: none"> <li>▪ Routes of administration</li> <li>▪ Storage and maintenances of drugs</li> <li>▪ Toxic Effects, Idiosyncratic Reactions, Allergic Reactions, Drug Tolerance, Drug Interactions,</li> <li>▪ Errors in Medication administration</li> <li>▪ Dosage Calculation, Terminologies and abbreviations used in prescriptions of medications</li> <li>▪ Storage and maintenance of drugs and Nurses responsibility</li> <li>▪ Oral Drugs Administration: Sub lingual and Bacall:</li> <li>▪ Parenteral therapies: ID, SC, IM, IV</li> <li>▪ Types of syringes, needles, cannula, and infusion sets</li> <li>▪ Recording and reporting of medications administered</li> </ul>			
11	Supporting physiologic health patterns Hygiene	<ul style="list-style-type: none"> <li>▪ <b>Introduction</b></li> <li>▪ Factors Influencing Hygienic Practice</li> <li>▪ Hygienic care: Care of the Skin- Bath and pressure points, feet and nail, Oral cavity, Hair Care, Eyes, Ears, and Nose</li> <li>▪ <b>Bathing : types and purposes</b></li> <li>▪ <b>The nursing interventions that promote a client's personal hygiene.</b></li> </ul>	1	2	a2, d1
12-13	Supporting physiologic health patterns Mobility and immobility	<ul style="list-style-type: none"> <li>▪ Physiology of mobility and immobility. <ul style="list-style-type: none"> <li>- Principles of Body Mechanics</li> <li>- Maintenance of normal body alignment</li> <li>- Nursing interventions for impaired body Alignment and Mobility: assessment, types</li> </ul> </li> <li>▪ Measures toward preventing problems of immobility.</li> <li>▪ Positioning a client in bed</li> <li>▪ Body mechanics</li> <li>▪ Maintaining body alignment: positioning</li> <li>▪ Guides to move and turn and to transfer a client.</li> <li>▪ Maintaining body alignment</li> </ul>	2	4	a2, d1

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
14-15	Supporting physiologic health patterns Wounds care	<ul style="list-style-type: none"> <li>▪ Types, Classifications, wound Healing Process, Factors affecting Wound, Complications of Wound Healing</li> <li>▪ Care of wound: types, equipment's, procedure and special considerations</li> <li>▪ Dressings, Suture Care,</li> <li>▪ Care of Drainage</li> <li>▪ Application of Bandages, Binders, Splints &amp; Slings</li> </ul>	2	4	a1, d1
1٦	Final Written Exam		1	2	a1, a2, b1, b2,
Number of Weeks /and Units Per Semester			16	32	

#### B. Practical Aspect (Lab/Clinical) (if any):

No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	- Admission & discharge	1	2	c1
2-3	<b>Asepsis</b> - Hand washing & hand antiseptis - Donning sterile gloves & gown	2	4	c2
4-5	<b>Measure VS</b> - Temperature - Pulse - Respiration - BP	2	4	c2
6	- Head to toes examination	1	2	c1
7	- <b>First clinical exam</b>	1	2	c1, c2
8-9	Hygiene - <b>Oral hygiene:</b> - <b>Hair shampoo</b>	2	4	c1

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No.	Tasks/ Experiments	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
	- Bed bath - Partial bath			
10-12	<b>Medication Administration</b> - ID Medication - SC Medication - IM Medication - Venipuncture - IV Cannula	3	6	c1, c2
13	<b>Mobility</b> - Maintaining body alignment: - Positioning - Moving - Lifting	2	2	a2
14	- Wound care	1	2	c1
15	Final practical exam	1	2	c1, c2, d1
<b>Number of Weeks /and Units Per Semester</b>		<b>16</b>	<b>32</b>	

### C. Tutorial Aspect (if any):

No.	Tutorial	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	NA			
<b>Number of Weeks /and Units Per Semester</b>				

### VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	<b>Presentation on (infectious diseases)</b>	10 <sup>th</sup> Week	5	b1. b2, d1
2	<b>Visits CSSD write observation report</b>	12 <sup>th</sup> Week	5	b1. b2, d1

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No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
<b>Total</b>			١٠	

### VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignment	10 <sup>th</sup> - 12 <sup>th</sup> week	10	10%	b1, b2, d1
2	First clinical exam	7 <sup>th</sup> week	10	10%	c1, c2
3	Mid-term exam	8 <sup>th</sup> Week	20	20%	a1, a2, b1, b2
4	Final Practical Exam (Oral & Practical)	15 <sup>th</sup> Week	20	20%	c1, c2, d1
5	Final Write Exam	16 <sup>th</sup> Week	40	40%	a1, a2, b1, b2
<b>Total</b>			<b>100</b>	<b>100%</b>	

### IX. Learning Resources:

#### 1- Required Textbook(s):

- 1- Kozier and Erb's (2018) FUNDAMENTALS OF NURSING Concepts, Process and Practice 4th Ed Australian, New York, Addison Wesley Longman.
- 2- Taylor's (2019). Clinical Nursing Skills A Nursing Process Approach 4th Ed. LWW.

#### 2- Essential References:

- 1- Brunner & Suddarth's (2018). Textbook of Medical-Surgical Nursing 14th Ed 2018. Philadelphia, Lippincott – Wilkins & Wilkins.
- 2- Perry & Potter (2020). Fundamentals of Nursing-Elsevier 10th Ed

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- 3- Lippincott (2019). Manual Of Nursing Practice 11th Ed  
4- Concept Based Clinical Nursing Skills (2020). Fundamental to Advanced 1st Ed

**3- Electronic Materials and Web Sites etc.:**

**Websites:**

- 1- [www.ANA.com](http://www.ANA.com)  
2- [www.ASCO.com](http://www.ASCO.com)

**X. Course Policies: (Based on the Uniform Students' By law (2007))**

<b>1</b>	<b>Class Attendance:</b> Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
<b>2</b>	<b>Tardiness:</b> A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
<b>3</b>	<b>Exam Attendance/Punctuality:</b> No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
<b>4</b>	<b>Assignments &amp; Projects:</b> Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
<b>5</b>	<b>Cheating:</b> Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
<b>6</b>	<b>Forgery and Impersonation:</b> Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
<b>7</b>	<b>Other policies:</b> The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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## Faculty of Medicine

### Program of Bachelor of Medicine and Surgery (MBBS)

## Course Plan (Syllabus) of Fundamental of Nursing

### Course Code. (A21F118)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:		Office Hours					
Location & Telephone No.:	-----						
E-mail:	--@--.--	SAT	SUN	MON	TUE	WED	THU

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## II. Course Identification and General Information:

<b>Course Title:</b>	Fundamental of Nursing				
<b>Course Code:</b>	A21F118				
<b>Credit Hours:</b>	<b>Credit Hours</b>	<b>Theory Contact Hours</b>		<b>Practical Contact Hours</b>	<b>Clinical</b>
		<b>Lecture</b>	<b>Tutorial/Seminar</b>	<b>Lab</b>	
	3	2	--	2	
<b>Level/ Semester at which this Course is offered:</b>	1st Level / 1st Semester				
<b>Pre –Requisite (if any):</b>	NON				
<b>Co –Requisite (if any):</b>	Introduction to Physiology & Anatomy				
<b>Program (s) in which the Course is Offered:</b>	Bachelor of Medicine and Surgery (MBBS)				
<b>Language of Teaching the Course:</b>	English				
<b>Location of Teaching the Course:</b>	Faculty of Medicine				
<b>Prepared by:</b>	Assoc Prof. Abdulhameed Al-Thaifani				
<b>١١ Date and Number of Approval by Council:</b>	2023				

## III. Course Description:

The course concerns on the development of student's skills and practices needed in hospital setting, such as admission and discharge, vital signs, physical examination and mobility and immobility. In clinical training the course teaches infection control, hygienic measures, medication administration and wound care.

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#### IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Explain the principles of admission and discharge, infection control and procedures and techniques of wound care.
a2	Demonstrate understanding of health assessment, vital signs, personal hygiene, mobility and immobility and medication administration
B. Intellectual Skills:	
b1	Differentiate between medical and surgical asepsis.
b2	Recognize <b>the difference between</b> normal and abnormal assessment data, normal and abnormal vital signs through the process of critical thinking.
C. Professional and Practical Skills:	
c1	Apply appropriate infection prevention practices during dressing, hygiene, admission, physical examination and medication administration
c2	Implement special nursing therapy and measures in clinical setting such as: medication administration, wound care, infection control, vital signs and hygiene
D. Transferable Skills:	
d1	Utilizes the value of inter-professional collaborative practice, coordination and interpersonal communication skills when dealing with colleagues.

#### V. Course Contents:

##### A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Hospital admission and discharge	<ul style="list-style-type: none"> <li>- Admission to the hospital</li> <li>- Unit and its preparation</li> <li>- Admission procedure</li> <li>- Special considerations</li> <li>- Medico-legal issues</li> <li>- Roles &amp; responsibilities</li> <li>- Common response to admission</li> <li>- Discharge from the hospital</li> <li>- Types: Planned discharge,</li> <li>▪ LAMA and abscond, Referrals and transfers</li> <li>▪ Discharge Planning</li> <li>▪ Discharge procedure</li> <li>▪ Care of the unit after discharge</li> </ul>	1	2
2-3	Health protection and asepsis Infection control	<ul style="list-style-type: none"> <li>▪ Nature of infection</li> <li>▪ Chain of infection transmission</li> <li>▪ Defenses against infection: natural and acquired hospital acquired infection (Nosocomial infection)</li> <li>▪ Concept of asepsis</li> <li>▪ Medical asepsis</li> <li>▪ Hand washing: simple, hand antiseptics</li> <li>- Personal protecting equipment (PPE): types, uses and technique of wearing and removing</li> <li>- Standard safety precautions (Universal precautions)</li> <li>▪ Surgical asepsis <ul style="list-style-type: none"> <li>- Definition</li> <li>- <b>Principles</b> of surgical asepsis</li> <li>- Method of sterilization</li> </ul> </li> <li>▪ Biomedical waste management: <ul style="list-style-type: none"> <li>- Decontamination of hospital waste</li> </ul> </li> </ul>	2	4
4-5	Vital signs and Health assessment	<ul style="list-style-type: none"> <li>▪ Guidelines for taking vital signs:</li> <li>▪ Body temperature:</li> <li>▪ Physiology, Regulation, Factors affecting body temperature,</li> </ul>	2	4

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		<ul style="list-style-type: none"> <li>○ Assessment of body temperature: sites, equipments and technique, special considerations</li> <li>○ Temperature alterations: hyperthermia, Hypothermia</li> </ul> <p><b>Pulse:</b></p> <ul style="list-style-type: none"> <li>✓ Physiology and Regulation, Characteristics of the pulse, Factors affecting pulse</li> <li>✓ Assessment of pulse: sites, location, equipments and technique, special considerations</li> <li>✓ Alterations in pulse:</li> </ul> <p><b>Respiration:</b></p> <ul style="list-style-type: none"> <li>✓ Physiology and Regulation, Mechanics of breathing Characteristics of the respiration, Factors affecting respiration</li> <li>✓ Assessment of respirations: technique, special considerations</li> <li>✓ Alterations in respiration</li> </ul> <p><b>Blood pressure:</b></p> <ul style="list-style-type: none"> <li>✓ Assessment of blood pressure: sites, equipment's and technique, special considerations</li> <li>✓ Alterations in blood pressure</li> </ul> <p><b>Recording of vital signs</b></p>		
6-7	Health assessment	<ul style="list-style-type: none"> <li>▪ Purposes</li> <li>▪ <del>Purposes</del> of Health assessment</li> <li>▪ Health history</li> <li>▪ Physical examination:</li> <li>▪ Methods- inspection, Palpation, Percussion, Auscultation,</li> <li>▪ Preparation for examination: patient and unit.</li> <li>▪ General assessment</li> <li>▪ Assessment of each body system</li> <li>▪ Recording of health assessment.</li> </ul>	2	4
8	Med- term exam	<ul style="list-style-type: none"> <li>▪</li> </ul>	1	2

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
9-10	Administration of Medications	<ul style="list-style-type: none"> <li>•General Principles/ consideration</li> <li>Principles: 10 rights of Medication</li> <li>▪ Administration; special consideration; Prescriptions;</li> <li>▪ Routes of administration</li> <li>▪ Storage and maintenances of drugs</li> <li>▪ Toxic Effects, Idiosyncratic Reactions, Allergic Reactions, Drug Tolerance, Drug Interactions,</li> <li>▪ Errors in Medication administration</li> <li>▪ Dosage Calculation, Terminologies and abbreviations used in prescriptions of medications</li> <li>▪ Storage and maintenance of drugs and Nurses responsibility</li> <li>▪ Oral Drugs Administration: Sub lingual and Bacall:</li> <li>▪ Parenteral therapies: ID, SC, IM, IV</li> <li>▪ Types of syringes, needles, cannula, and infusion sets</li> <li>▪ Recording and reporting of medications administered</li> </ul>	2	4
11	Supporting physiologic health patterns  Hygiene	<ul style="list-style-type: none"> <li>▪ Introduction</li> <li>▪ Factors Influencing Hygienic Practice</li> <li>▪ Hygienic care: Care of the Skin-Bath and pressure points, feet and nail, Oral cavity, Hair Care, Eyes, Ears, and Nose</li> <li>▪ Bathing : types and purposes</li> <li>▪ The nursing interventions that promote a client's personal hygiene.</li> </ul>	1	2
12-13	Supporting physiologic health patterns  Mobility and immobility	<p>Physiology of mobility and immobility.</p> <p>Principles of Body Mechanics</p> <ul style="list-style-type: none"> <li>▪ Maintenance of normal body alignment</li> </ul> <p>Nursing interventions for impaired body Alignment and Mobility: assessment, types</p> <p>Measures to prevent problems of</p>	2	4

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		<ul style="list-style-type: none"> <li>immobility.</li> <li>✓ Positioning aclient in bed</li> <li>✓ Body mechanics</li> <li>✓ Maintaining bodyalignment: positioning</li> <li>✓ Guides to move and turn and to transfer a client.</li> <li>✓ Maintaining bodyalignment</li> </ul>		
14-15	Supporting physiologic health patterns <b>Wounds care</b>	<ul style="list-style-type: none"> <li>▪ Types, Classifications, wound Healing Process, Factors affecting Wound, Complications of Wound Healing</li> <li>▪ Care of wound: types, equipment's, procedure and special considerations</li> <li>▪ Dressings, Suture Care,</li> <li>▪ Care of Drainage</li> <li>▪ Application of Bandages, Binders, Splints &amp; Slings</li> </ul>	2	4
1٦	Final Written Exam	<ul style="list-style-type: none"> <li>▪</li> </ul>	1	2
<b>Number of Weeks /and Units Per Semester</b>			<b>16</b>	<b>32</b>

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	<b>Hospital admission and discharge</b>	<ul style="list-style-type: none"> <li>▪ Admission to the hospital</li> <li>▪ Unit and its preparation</li> <li>▪ Admission procedure</li> <li>▪ Special considerations</li> <li>▪ Medico-legal issues</li> <li>▪ Roles &amp; responsibilities</li> <li>▪ Common response to admission</li> <li>▪ Discharge from the hospital</li> <li>▪ Types: Planned discharge,</li> <li>▪ LAMA and abscond, Referrals and transfers</li> <li>▪ Discharge Planning</li> <li>▪ Discharge procedure</li> <li>▪ Care of the unit after discharge</li> </ul>	1	2

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
2-3	Health protection and asepsis Infection control	<ul style="list-style-type: none"> <li>▪ Nature of infection</li> <li>▪ Chain of infection transmission</li> <li>▪ Defenses against infection: natural and acquired hospital acquired infection (Nosocomial infection)</li> <li>▪ Concept of asepsis</li> <li>▪ Medical asepsis                             <ul style="list-style-type: none"> <li>- Hand washing: simple, hand antisepsis</li> <li>- Personal protecting equipment (PPE): types, uses and technique of wearing and removing</li> <li>- Standard safety precautions (Universal precautions)</li> </ul> </li> <li>▪ Surgical asepsis                             <ul style="list-style-type: none"> <li>- Definition</li> <li>- <b>Principles</b> of surgical asepsis</li> <li>- Method of sterilization</li> </ul> </li> <li>▪ Biomedical waste management:                             <ul style="list-style-type: none"> <li>- Decontamination of hospital waste</li> </ul> </li> </ul>	2	4
4-5	Vital signs and Health assessment	<ul style="list-style-type: none"> <li>○ Guidelines for taking vital signs:</li> <li><b>Body temperature:</b> <ul style="list-style-type: none"> <li>○ Physiology, Regulation, Factors affecting body temperature,</li> <li>○ Assessment of body temperature: sites, equipments and technique, special considerations</li> <li>○ Temperature alterations: hyperthermia, Hypothermia</li> </ul> </li> <li><b>Pulse:</b> <ul style="list-style-type: none"> <li>✓ Physiology and Regulation, Characteristics of the pulse, Factors affecting pulse</li> <li>✓ Assessment of pulse: sites, location, equipments and technique, special considerations</li> <li>✓ Alterations in pulse:</li> </ul> </li> <li><b>Respiration:</b> <ul style="list-style-type: none"> <li>✓ Physiology and Regulation,</li> </ul> </li> </ul>	2	4

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		<p>Mechanics of breathing Characteristics of the respiration, Factors affecting respiration ✓ Assessment of respirations: technique, special considerations ✓ Alterations in respiration <b>Blood pressure:</b> ✓ Assessment of blood pressure: sites, equipment's and technique, special considerations ✓ Alterations in blood pressure <b>Recording of vital signs</b></p>		
6-7	Health assessment	<p>○ Purposes ○ Process of Health assessment ▪ Health history ▪ Physical examination: ▪ Methods- inspection, Palpation, Percussion, Auscultation, ▪ Preparation for examination: patient and unit. ▪ General assessment ▪ Assessment of each body system ▪ Recording of health assessment.</p>	2	4
8	Med- term exam		1	2
9-10	Administration of Medications	<p>• General Principles/ consideration Principles: 10 rights of Medication ▪ Administration; special consideration; Prescriptions; ▪ Routes of administration ▪ Storage and maintenances of drugs ▪ Toxic Effects, Idiosyncratic Reactions, Allergic Reactions, Drug Tolerance, Drug Interactions, ▪ Errors in Medication administration ▪ Dosage Calculation, Terminologies and abbreviations used in prescriptions of medications ▪ Storage and maintenance of drugs and</p>	2	4

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
		<p>Nurses responsibility</p> <ul style="list-style-type: none"> <li>▪ Oral Drugs Administration: Sub lingual and Bacall:</li> <li>▪ Parenteral therapies: ID, SC, IM, IV</li> <li>▪ Types of syringes, needles, cannula, and infusion sets</li> <li>▪ Recording and reporting of medications administered</li> </ul>		
11	<p>Supporting physiologic health patterns</p> <p>Hygiene</p>	<ul style="list-style-type: none"> <li>▪ <b>Introduction</b></li> <li>▪ Factors Influencing Hygienic Practice</li> <li>▪ Hygienic care: Care of the Skin- Bath and pressure points, feet and nail, Oral cavity, Hair Care, Eyes, Ears, and Nose</li> <li>▪ <b>Bathing : types and purposes</b></li> <li>▪ <b>The nursing interventions that promote a client's personal hygiene.</b></li> </ul>	1	2
12-13	<p>Supporting physiologic health patterns</p> <p>Mobility and immobility</p>	<ul style="list-style-type: none"> <li>▪ Physiology of mobility and immobility. <ul style="list-style-type: none"> <li>- Principles of Body Mechanics</li> <li>- Maintenance of normal body alignment</li> <li>- Nursing interventions for impaired body Alignment and Mobility: assessment, types</li> </ul> </li> <li>▪ Measures toward preventing problems of immobility.</li> <li>▪ Positioning a client in bed</li> <li>▪ Body mechanics</li> <li>▪ Maintaining body alignment: positioning</li> <li>▪ Guides to move and turn and to transfer a client.</li> <li>▪ Maintaining body alignment</li> </ul>	2	4
14-15	<p>Supporting physiologic health patterns</p> <p>Wounds care</p>	<ul style="list-style-type: none"> <li>▪ Types, Classifications, wound Healing Process, Factors affecting Wound, Complications of Wound Healing</li> <li>▪ Care of wound: types, equipment's, procedure and special considerations</li> <li>▪ Dressings, Suture Care,</li> <li>▪ Care of Drainage</li> <li>▪ Application of Bandages, Binders, Splints &amp; Slings</li> </ul>	2	4
1٦	Final Written		1	2

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No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
	Exam			
Number of Weeks /and Units Per Semester			16	32

### B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	- Admission & discharge	1	2
2-3	<b>Asepsis</b> - Hand washing & hand antiseptis - Donning sterile gloves & gown	2	4
4-5	<b>Measure VS</b> - Temperature - Pulse - Respiration - BP	2	4
6	- Head to toes examination	1	2
7	- <b>First clinical exam</b>	1	2
8-9	Hygiene - <b>Oral hygiene:</b> - <b>Hair shampoo</b> - <b>Bed bath</b> - <b>Partial bath</b>	2	4
10-12	<b>Medication Administration</b> - ID Medication - SC Medication - IM Medication - Venipuncture - IV Cannula	3	6
13	<b>Mobility</b> - Maintaining body alignment: - Positioning - Moving - Lifting	2	2
14	- Wound care	1	2

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No.	Tasks/ Experiments	Number of Weeks	Contact Hours
15	Final practical exam	1	2
<b>Number of Weeks /and Units Per Semester</b>		<b>16</b>	<b>32</b>

No.	Tasks/ Experiments	Number of Weeks	Contact Hours
1	<b>Admission &amp; discharge</b>	1	2
2-3	Asepsis - Hand washing & hand antisepsis - Donning sterile gloves & gown	2	4
4-5	- Measure VS - Temperature - Pulse - Respiration - BP	2	4
6	- Head to toes examination	1	2
7	- First <b>clinical exam</b>	1	2
8-9	- Hygiene - <b>Oral hygiene:</b> - <b>Hair shampoo</b> - <b>Bed bath</b> - <b>Partial bath</b>	2	4
10-12	- Medication <b>Administration</b> - ID Medication - SC Medication - IM Medication - Venipuncture - IV Cannula	3	6
13	- Mobility - Maintaining body alignment: - Positioning - Moving - Lifting	2	2

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No.	Tasks/ Experiments	Number of Weeks	Contact Hours
14	Wound care		2
15	- Final practical exam	1	2
<b>Number of Weeks /and Units Per Semester</b>		- 16	32

### C. Tutorial Aspect:

No.	Tutorial	Number of Weeks	Contact Hours
1	NA		
<b>Number of Weeks /and Units Per Semester</b>			

### VI. Teaching Strategies of the Course:

- Lecture
- Case study.
- Practical of Lab

### VII. Assessment Methods of the Course:

- Written exam.
- Practical exam.
- Assignment.
- Oral Desiccation.

### VIII. Assignments:

No.	Assignments	Week Due	Mark
1	<b>Presentation on</b> (infectious diseases)	10th Week	5
2	<b>Visits CSSD</b> write observation report	12th Week	5
<b>Total</b>			10

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## IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignment	10th - 12th week	10	10%
2	First clinical exam	7th week	10	10%
3	Mid-term exam	8th Week	20	20%
4	Final Practical Exam (Oral & Practical)	15th Week	20	20%
5	Final Write Exam	16th Week	40	40%
<b>Total</b>			<b>100</b>	<b>100%</b>

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Assignment	10 <sup>th</sup> - 12 <sup>th</sup> week	10	10%
2	First clinical exam	7 <sup>th</sup> week	10	10%
3	Mid-term exam	8 <sup>th</sup> Week	20	20%
4	Final Practical Exam (Oral & Practical)	15 <sup>th</sup> Week	20	20%
5	Final Write Exam	16 <sup>th</sup> Week	40	40%
<b>Total</b>			<b>100</b>	<b>100%</b>

## X. Learning Resources:

- 1- Required Textbook(s):

Kozier and Erb's (2018) FUNDAMENTALS OF NURSING Concepts, Process and Practice 4th Ed Australian, New York, Addison Wesley Longman.

3- Taylor's (2019). Clinical Nursing Skills A Nursing Process Approach 4th Ed. LWW.

- 2- Essential References:

Brunner & Suddarth's (2018). Textbook of Medical-Surgical Nursing 14th Ed 2018. Philadelphia,

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<b>Lippincott – Wilkins &amp; Wilkins.</b>
4- Perry & Potter (2020). Fundamentals of Nursing-Elsevier 10th Ed
5- Lippincott (2019). Manual Of Nursing Practice 11th Ed
6- Concept Based Clinical Nursing Skills (2020). Fundamental to Advanced 1st Ed
1- 3- Electronic Materials and Web Sites etc.:
<b>Websites:</b>
<a href="http://www.ANA.com">www.ANA.com</a>
<a href="http://www.ASCO.com">www.ASCO.com</a>

## XI. Course Policies: (Based on the Uniform Students' Bylaw (2007))

<b>1</b>	<b>Class Attendance:</b> Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
<b>2</b>	<b>Tardiness:</b> A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
<b>3</b>	<b>Exam Attendance/Punctuality:</b> No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
<b>4</b>	<b>Assignments &amp; Projects:</b> Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
<b>5</b>	<b>Cheating:</b> Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
<b>6</b>	<b>Forgery and Impersonation:</b> Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
<b>7</b>	<b>Other policies:</b> The University official regulations in force will be strictly observed and students shall comply

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with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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