



**Bachelor of Science in Nursing (B.Sc. Nursing) (Semester-I)**

Course Code	-----	Title of the Course	<b>NURSING FOUNDATION-I PRACTICAL</b>
Total Credits of the Course	<b>04</b>	Contact Credit Hours	<b>320</b>
<b>PRACTICUM:</b> Skill Lab: 2 Credits (80 hours) and Clinical: 2 Credits (160 hours)			
<b>*Mandatory Module used in Teaching/Learning:</b> First Aid: 40 Hours (including Basic CPR)			

<b>Course Specific Objectives</b>	This course is designed to help novice nursing students develop knowledge and competencies required to provide evidence-based, comprehensive basic nursing care for adult patients, using nursing process approach.
<b>Course Objectives</b>	<ol style="list-style-type: none"><li>1. Perform health assessment of each body system</li><li>2. Develop skills in assessment, planning, implementation and evaluation of nursing care using Nursing process approach</li><li>3. Identify and meet the Nutritional needs of patients</li><li>4. Implement basic nursing techniques in meeting hygienic needs of patients</li><li>5. Plan and Implement care to meet the elimination needs of patient</li><li>6. Develop skills in instructing and collecting samples for investigation.</li><li>7. Perform simple lab tests and analyze &amp; interpret common diagnostic values</li><li>8. Identify patients with impaired oxygenation and demonstrate skill in caring for patients with impaired oxygenation</li><li>9. Identify and demonstrate skill in caring for patients with fluid, electrolyte and acid – base imbalances</li><li>10. Assess, plan, implement &amp; evaluate the basic care needs of patients with altered functioning of sense organs and unconsciousness</li><li>11. Care for terminally ill and dying patients</li></ol>

**SKILL LAB**  
**Use of Mannequins and Simulators**

S. No.	Competencies	Mode of Teaching
1	Health Assessment	Standardized Patient
2	Nutritional Assessment	Standardized Patient
3	Sponge bath, oral hygiene, perineal care	Mannequin
4	Nasogastric tube feeding	Trainer/ Simulator
5	Providing bed pan & urinal	Mannequin
6	Catheter care	Catheterization Trainer
7	Bowel wash, enema, insertion of suppository	Simulator/ Mannequin
8	Oxygen administration – face mask, venture mask, nasal prongs	Mannequin
9	Administration of medication through Parenteral route – IM, SC, ID, IV	IM injection trainer, ID injection trainer, IV arm (Trainer)
10	Last Office	Mannequin



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**CLINICAL POSTINGS – General Medical/Surgical Wards**  
**(16 weeks × 20 hours per week = 320 hours)**

Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills (Supervised Clinical Practice)	Clinical Requirements	Assessment Methods
<b>3</b>	Perform health assessment of each body system	<b>Health Assessment</b> <ul style="list-style-type: none"> <li>• Nursing/Health history taking</li> <li>• Perform physical examination:               <ul style="list-style-type: none"> <li>• General, Body system</li> <li>• Use various methods of physical examination – Inspection, Palpation, Percussion, Auscultation, Olfaction</li> <li>• Identification of system wise deviations</li> <li>• Documentation of findings</li> </ul> </li> </ul>	History Taking – 2 <input type="checkbox"/> Physical examination – 2	Assessment of clinical skills using checklist <input type="checkbox"/> OSCE
<b>1</b>	assessment, planning, implementation and evaluation of nursing care	<b>The Nursing Process</b> <ul style="list-style-type: none"> <li>• Prepare Nursing care plan for the patient based on the given case scenario</li> </ul>	<input type="checkbox"/> Nursing process – 1	<input type="checkbox"/> Evaluation of Nursing process with criteria
<b>2</b>	Identify and meet the Nutritional needs of patients	<b>Nutritional needs, Elimination needs &amp; Diagnostic testing</b> <i>Nutritional needs</i> <ul style="list-style-type: none"> <li>• Nutritional Assessment</li> <li>• Preparation of Nasogastric tube feed</li> <li>• Nasogastric tube feeding</li> </ul> <i>Hygiene</i> <ul style="list-style-type: none"> <li>• Care of Skin &amp; Hair:               <ul style="list-style-type: none"> <li>– Sponge Bath/ Bed bath</li> <li>– Care of pressure points &amp; back massage</li> </ul> </li> <li>• Pressure sore risk assessment using Braden/Norton scale               <ul style="list-style-type: none"> <li>– Hair wash</li> <li>– Pediculosis treatment</li> </ul> </li> <li>• Oral Hygiene</li> <li>• Perineal Hygiene</li> <li>• Catheter care</li> </ul>	Nutritional Assessment and Clinical Presentation – 1 <input type="checkbox"/> Pressure sore assessment – 1	Assessment of clinical skills using checklist <input type="checkbox"/> OSCE
<b>2</b>	Plan and Implement care to meet the elimination needs of patient	<b>Elimination needs</b> <ul style="list-style-type: none"> <li>• Providing               <ul style="list-style-type: none"> <li>– Urinal</li> <li>– Bedpan</li> </ul> </li> <li>• Insertion of Suppository</li> <li>• Enema</li> <li>• Urinary Catheter care</li> <li>• Care of urinary drainage</li> </ul> <b>Diagnostic testing</b> Specimen Collection <ul style="list-style-type: none"> <li>o Urine routine and culture</li> <li>o Stool routine</li> <li>o Sputum Culture</li> </ul> <ul style="list-style-type: none"> <li>• Perform simple Lab Tests using reagent strips               <ul style="list-style-type: none"> <li>o Urine – Glucose, Albumin, Acetone, pH, Specific gravity</li> <li>• Blood – GRBS Monitoring</li> </ul> </li> </ul>	Clinical Presentation on Care of patient with Constipation – 1  Lab values – inter-pretation	Assessment of clinical skills using checklist <input type="checkbox"/> OSCE



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<b>3</b>	Identify patients with impaired oxygenation and demonstrate skill in caring for patients with impaired oxygenation	<b>Oxygenation needs, Fluid, Electrolyte, and Acid – Base Balances</b> <b>Oxygenation needs</b> <ul style="list-style-type: none"> <li>• Oxygen administration methods               <ul style="list-style-type: none"> <li>o Nasal Prongs</li> <li>o Face Mask/Venturi Mask</li> </ul> </li> <li>• Steam inhalation</li> <li>• Chest Physiotherapy</li> <li>• Deep Breathing &amp; Coughing Exercises</li> <li>• Oral Suctioning</li> </ul> <b>Fluid, Electrolyte, and Acid – Base Balances</b> <ul style="list-style-type: none"> <li>• Maintaining intake output chart</li> <li>• Identify &amp; report complications of IV therapy</li> <li>• Observe Blood &amp; Blood Component therapy</li> <li>• Identify &amp; Report Complications of Blood &amp; Blood Component therapy</li> </ul>		Assessment of clinical skills using checklist <input type="checkbox"/> OSCE
<b>3</b>	Explain the principles, routes, effects of administration of medications Calculate conversions of drugs and dosages within and between systems of Measurements	<b>Administration of Medications</b> <ul style="list-style-type: none"> <li>• Calculate Drug Dosages</li> <li>• Preparation of lotions &amp; solutions</li> <li>• Administer Medications               <ul style="list-style-type: none"> <li>o Oral</li> <li>o Topical</li> <li>o Inhalations</li> <li>o Parenteral</li> </ul> </li> <li>• Intradermal</li> <li>• Subcutaneous</li> <li>• -Intramuscular</li> <li>• Instillations</li> <li>• Eye, Ear, Nose –instillation of medicated drops, nasal sprays, irrigations</li> </ul>		Assessment of clinical skills using checklist <input type="checkbox"/> OSCE
<b>2</b>	Assess, plan, implement & evaluate the basic care needs of patients with altered functioning of sense organs and unconsciousness	<b>Sensory Needs and Care of Unconscious patients, Care of Terminally ill, death and dying</b> <i>Sensory Needs and Care of Unconscious patients</i> <ul style="list-style-type: none"> <li>• Assessment of Level of Consciousness using Glasgow Coma Scale</li> </ul> <i>Terminally ill, death and dying</i> <ul style="list-style-type: none"> <li>• Death Care</li> </ul>	Nursing rounds on care of patient with altered sensorium	Assessment of clinical skills using checklist <input type="checkbox"/> OSCE

