# NUR 1025  Fundamentals of Nursing

**Course Description:** This course provides an introduction to the nursing profession. Students will learn the roles basic to nursing practice, nursing process, and how nurses are involved in health promoting activities to meet client needs. Pre-Req: Program Admission; Co-Req: NUR 1025C, 1060C, and 1142. (3-hour lecture)

<table>
<thead>
<tr>
<th><strong>Course Competency</strong></th>
<th><strong>Learning Outcomes</strong></th>
</tr>
</thead>
</table>
| **Competency 1:** The student will identify the development of contemporary nursing practice by: | • Communication  
• Numbers / Data  
• Critical thinking  
• Information Literacy |
| 1. Identifying the concepts of health, health care delivery and the settings and resources available in the community.  
2. Discussing the roles of the registered professional nurse.  
3. Identifying roles of the members of the health care team including physician, social worker, case manager, dietitian, physical therapist, respiratory therapist, licensed practical nurse, and unlicensed assistive personnel.  
4. Discussing interactions between the registered professional nurse and other members of the health team. |  |
| **Competency 2:** The student will value the nursing process as the framework for meeting the health needs of individuals by: |  |
| 1. Identifying the phases of the nursing process.  
2. Discussing the importance of a comprehensive and accurate data base on which a diagnosis, plan, and interventions are based.  
3. Discussing the importance of establishing priorities before planning interventions.  
4. Using the nursing process in discussing a patient care scenario. | • Communication  
• Numbers / Data  
• Critical thinking  
• Information Literacy |
5. Personalizing the nursing care plan to meet individual client needs.

**Competency 3:** The student will identify the diverse roles of the nurse required in the management of client care by:

1. Discussing the role of the nurse as educator, advocate, collaborator, and manager of client care.
2. Explaining the independent, dependent, and collaborative functions of nurses.
3. Recognizing the nurse’s role in identifying and reporting medical errors.
4. Discussing major categories of sentinel events.
5. Differentiating between active and latent errors.

**Competency 4:** The student will discuss values clarification from the perspective of nursing practice in a multicultural, pluralistic society by:

1. Defining the concept of holistic being.
2. Identifying the interrelated physiological, psychologic, sociocultural, spiritual and environmental dimensions of the client.
3. Discussing the concept of delivering culturally competent care.
4. Identifying the impact of cultural diversity on the delivery of health care.

**Competency 5:** The student will describe the critical thinking process in nursing practice by:

1. Identifying the components of the critical thinking model.
2. Comparing the relationship between critical thinking and the nursing process.
**Competency 6:** The student will apply principles of therapeutic communication and the teaching learning process by:

- Communication
- Numbers / Data
- Critical thinking
- Information Literacy

1. Explaining the elements of the communication process.
2. Distinguishing therapeutic, non-therapeutic and social communication.
3. Discussing teaching and learning with respect to the communication process.
4. Integrating principles of teaching and learning with the phases of the nursing process.

**Course Competency 7:** The student will apply the concept of basic human needs in planning nursing care by:

- Communication
- Numbers / Data
- Critical thinking
- Information Literacy

1. Identifying methods that increase a client’s safety.
2. Identifying methods that prevent deterioration in skin integrity.
3. Describing correct body mechanics in delivering patient care.
4. Explaining factors that affect oxygenation in delivering client care.
5. Discussing factors that influence bladder and bowel elimination.
7. Using knowledge of the processes of digestion, absorption and elimination.
8. Identifying the hazards of immobility and their relationship to client care.
9. Identifying factors that influence comfort and pain.
10. Comparing safety needs of special populations of patients.

**Course Competency 8:** The student will identify principles of growth and development by:

- Communication
- Numbers / Data
- Critical thinking

Updated Spring 2021
<table>
<thead>
<tr>
<th>Course Competency 9: The student will discuss concepts of perioperative nursing by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Discussing the cognitive, psychological, and physical aspects of preparing a client for surgery.</td>
</tr>
<tr>
<td>2. Describing the nurse’s role in caring for the client during the preoperative, intraoperative, and postoperative phases.</td>
</tr>
<tr>
<td>3. Defining the concept of “surgical asepsis”</td>
</tr>
<tr>
<td>4. Discussing methods of minimizing postoperative complications.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Competency 10: The student will identify principles of stress and adaptation by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Describing the physiological and psychological responses to stress.</td>
</tr>
<tr>
<td>2. Giving examples of stress reduction techniques.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Competency 11: The student will identify the nurse’s role in preserving visual and auditory health by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Describing the physiological processes involved in normal visual and hearing.</td>
</tr>
<tr>
<td>2. Identifying common abnormalities of the visual and auditory systems.</td>
</tr>
<tr>
<td>3. Identifying nursing responsibilities in managing the care of clients with selected visual and auditory pathologies.</td>
</tr>
</tbody>
</table>

- Information Literacy
- Communication
- Numbers / Data
- Critical thinking
- Information Literacy
**Course Competency 12:** The student will apply the mechanisms of fluid, electrolyte and acid-base balance by:

1. Describing the role of fluid and electrolytes in body function.
2. Comparing signs and symptoms of specific fluid and electrolyte imbalances.
3. Identifying nursing management of specific fluid and electrolyte imbalances.
5. Describing pH and the mechanisms that regulate acid-base balance.
6. Analyzing arterial blood gas results.
7. Identifying normal and abnormal manifestations of respiratory and metabolic acidosis and alkalosis.

**Course Competency 13:** The student will identify the nurse’s role in the preparation and administration of medications by:

1. Identifying the factors that influence the actions of drugs.
2. Comparing and contrasting the different routes of medication administration.
3. Explaining the importance of the “five rights” of medication administration.
4. Stating the legal and ethical implications of medication administration.
5. Outlining error prone situations and methods for improving patient outcomes.
6. Discussing root-cause analysis of sentinel events.

- Communication
- Numbers / Data
- Critical thinking
- Information Literacy