

**J. Sargeant Reynolds Community College**  
**Course Content Summary**

**Course Prefix and Number:** NUR 108

**Credits:** 5

**Course Title:** Nursing Principles and Concepts

**Course Description:** Introduces principles of nursing, health and wellness concepts, and the nursing process. Identifies nursing strategies to meet the multidimensional needs of individuals. Includes math computational skills, basic computer instruction related to the delivery of nursing care, introduction to the profession of nursing, nursing process, and documentation; and basic needs related to integumentary system, teaching/learning, stress, psychosocial, safety, nourishment, elimination, oxygenation, circulation, rest, comfort, sensory, fluid and electrolyte, and mobility needs in adult clients. Also includes care of the peri-operative (pre-, intra-, and post-operative) client. Provides supervised learning experience in college nursing laboratories and/or cooperating agencies. Prerequisites: NUR 111/115, BIO 141, BIO 142, SDV 100, ENG 111, MTH 126. Prerequisites or co-requisites: PSY 230. Co-requisites: NUR 226, NUR 245. Lecture 3 hours. Laboratory 6 hours. Total 9 hours per week.

**General Course Purpose:** The purpose of NUR 108 is to relate fundamental nursing care concepts relevant to medical surgical nursing to the assessment and delivery of care for an adult or the elderly undergoing a surgical procedure.

**Course Prerequisites and Co-requisites:**

Prerequisites: NUR 111/115, BIO 141, BIO 142, SDV 100, ENG 111, MTH 126

Co-requisites: NUR 226, NUR 245

Prerequisites or Co-requisites: PSY 230

**Course Objectives:**

Upon completing the course, the student will be able to

- a. Practice within the ethical, legal, and regulatory boundaries of professional nursing, assume accountability for the quality of nursing care provided to the adult clients during the peri-operative experience;
- b. Demonstrate commitment to excellence by maintaining professional competency and integrity through reflection, self-assessment, self-care and lifelong learning as a professional nurse in the peri-operative setting with particular focus on maintaining boundaries and role appropriate behavior;
- c. Deliver holistic, client-centered nursing care to adults by exhibiting therapeutic communication strategies during the peri-operative period;
- d. Minimize risk of harm to the adult client and providers during peri-operative experience through system effectiveness, individual performance, and application of knowledge for use, action, side effects, and nursing responsibilities, including prioritization of patient education associated with medications;
- e. Apply the nursing process focusing on physical, developmental, and psychosocial needs of adults during the peri-operative experience to deliver safe and effective nursing care;
- f. Implement sound clinical decision-making based on scientific knowledge, critical thinking, and evidence-based practice to achieve positive outcomes for adult clients during the peri-operative experience;
- g. Design client and family education that incorporates effective teaching and learning principles to promote optimal health and safe recovery of adult clients during the peri-operative experience;
- h. Collaborate with interdisciplinary team to promote continuity of care and improved client outcomes for the adult client during the peri-operative experience;

- i. Demonstrate leadership and management principles in providing cost effective care and promote quality improvement for the adult client during peri-operative experience; and
- j. Utilize technology in the delivery and management of adult clients during the peri-operative experience.

**Major Topics to Be Included:**

- a. Nursing management of adults and the elderly during the pre-operative phase
- b. Nursing management of adults and the elderly during the intraoperative phase
- c. Nursing management of adults and the elderly during the postoperative phase
- d. Nursing management of adults and the elderly requiring surgical intervention for problems related to digestion, elimination, mobility, sensation, cognition, and reproduction

**Effective Date of Course Content Summary:** Fall 2015