



Nurse in Surgery Essentials (NISE™) Syllabus

Description:

This program provides the learner an introduction to the fundamentals of Perioperative Nursing and is intended to develop the knowledge and skills of a nurse new to the specialty. The program consists of 6 structured units. Consecutive progression through the units is recommended, although not required, and allows the learner to build upon their knowledge base and skills. The program is self-paced within the 8-month timeframe.

Prerequisites: Must be an RN, employed by a facility and working in perioperative services.

Administration:

The program is designed to be administered by the facility designated instructor.

Required Textbooks:

- Phillips, N. (Ed). & Hornacky, A. (2021). *Berry & Kohn's Operating Room Technique*. (14th Edition).
- Association of periOperative Registered Nurses. *AORN Guidelines for Perioperative Practice*. (2023).

Additional Readings

- Rothrock, J.C. & McEwen, D.R. (2023). *Alexander's Care of the Patient in Surgery*. (17th ed.). Elsevier Health Sciences. (US). <https://pagebursttls.elsevier.com/books/9780323479141>.
- Odom-Forren J. (2018). *Drain's perianesthesia nursing: A critical care approach*, 7th ed. Elsevier.

Program Length: Learners have up to 8 months to complete the program requirements.

Instructional Methodology:

Instructional methodology includes reading assignments, video instruction, competency assessments, and quizzes.

Unit 1 Objectives:

Upon completion of Unit 1, the learner will be able to:

- Describe how the nursing process plays a role in the perioperative setting
- Describe how legal and regulatory issues impact perioperative nursing
- Demonstrate proper surgical attire
- Demonstrate sterile technique including handwashing, gowning, and gloving
- Describe prevention of retained surgical items related to facility policy
- Describe how Ethics is an important part of the perioperative service department
- Verbalize how a Root Cause Analysis can improve processes within the perioperative care setting

Unit 2 Objectives:

Upon completion of Unit 2, the learner will be able to:

- Describe the roles of various perioperative team members
- Preoperative preparation of the surgical patient including transfer of care, hand-offs, and diagnostic testing
- Describe the importance of positioning, prepping, and draping related to various surgical procedures and patient safety
- Describe facility policy related to prevention of DVT

Unit 3 Objectives:

Upon completion of Unit 3, the learner will be able to:

- Discuss the importance of environmental cleaning and demonstrate proper room turnover
- Discuss the importance of surgical smoke safety
- Discuss the importance of sharps safety
- Discuss the importance of radiation safety for staff and patients within the perioperative setting

Unit 4 Objectives:

Upon completion of Unit 4, the learner will be able to:

- Describe the differences between disinfection, sterilization, and decontamination
- Identify commonly used surgical instruments, sutures, and staplers within the OR setting
- Discuss the importance of Infection prevention

Unit 5 Objectives:

Upon completion of Unit 5, the learner will be able to:

- Identify common surgical medications and demonstrate medication safety
- Describe the differences between general, local, and moderate anesthesia
- Identify specialized surgical equipment including lasers, pneumatic tourniquets, and electrosurgical units
- Demonstrate the proper use of pneumatic tourniquet
- Demonstrate proper ESU safety

Unit 6 Objectives:

Upon completion of Unit 6, the learner will be able to:

- Discuss different wound care, drains, and dressings used in the perioperative setting
- Describe potential postoperative complications
- Discuss methods for pain management
- Identify emergency situations in the perioperative setting

Grading Scale:

Quizzes

A = 92% – 100%

B = 85% – 91%

F = 84% and below

Competencies:

At least five competencies must be submitted as a sampling of the preceptor's evaluation of the learner's progress. Competencies were developed by the Education Division of the CCI.

Program Awards:

- **Certificate of Mastery** - Indicates that the learner has successfully completed the program with a passing grade on the final assessment.
- **Certificate of Completion** – Indicates that the learner did not achieve a passing grade on the final assessment, however, learner did successfully complete all required program assignments.
- 70.8 CEs through the California Board of Nursing.

Clinical Information:

Facility will provide and assign a preceptor to guide and instruct the learner on facility specific policies and processes. Learner questions will be addressed by either the preceptor or Facility Instructor.

Class Participation:

All learners are responsible for assigned material related to the program. It is expected that the learner completes all required assignments. Learners should expect to spend adequate time, with the Preop Department, PACU, Sterile Processing, and Environmental Services departments to enhance their understanding of perioperative nursing.

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