

# Nurse in Surgery Essentials (NISE™)

## Navigating the Course

The main navigation bar includes the following links:

1. The Home button takes you back to the home page of the NISE Course.
2. The Progress button shows your completion progress for each unit enabling you to track your progress.
3. The Units button allows you to access Units 1-6 via drop-down menu. Access to Unit 1 will be given upon enrollment. Access to Units 2-6 will be given once you have successfully completed Unit 1.
4. The Competencies button provides instructions for completing the competencies. Each is required before program completion.

Each unit follows the same layout. It is recommended to start with the Learning Resources tab and progress through the unit by clicking the tab to the right. You may visit the other tabs, but again, the recommendation is to follow this layout to help facilitate your learning.

1. Learning Resources - Key Terms, Facility Q&A, and Preceptor Discussions.
2. Reading Assignments - Assigned reading from each book and additional presentations to support the reading assignments.
3. Videos - Links to specific videos.
4. Competencies - List of competencies that coincide with the unit. The competency forms are available in each unit or by utilizing the Competencies button via the main navigation.
5. Reflective Journaling - Gives the opportunity to reflect on not only what you have read but also what you have experienced in the OR.
6. Quizzes and Evaluations - Take quizzes and evaluate the unit. Once complete you will notify a NISE Instructor of unit completion.
7. Other Resources - Documents or information we have included for your use or as an example.

## Check Grades, View Profile, Change Password

The drop-down menu in the upper right-hand corner of the course layout will enable you to check your progress, view your profile, check your grades, change your password and access messaging using preferences, and log out.

# Course Syllabus Nurse in Surgery Essentials (NISE™)

## Description

This course provides the learner an opportunity to explore the fundamentals of becoming a Perioperative Nurse. Learners in the NISE Course will build upon their nursing foundation to develop sound clinical decisions based upon patient assessments related to specific surgical procedures.

The course consists of 6 structured units, competencies and a final exam. Each learner is required to complete Unit 1 before access to Units 2-6 is granted. Each learner is required to complete Unit 1. It is then recommended that the learner progress through the course in sequence although the facility may request an alteration in course progression.

NISE Assessment-Based Certificate course is accredited by the Accreditation Board for Specialty Nursing Certification (ABSNC).

## Prerequisites

Must be employed by a facility and work in the operating room.

## Administration

Kimberly Jones MSN-Ed., RN, CNOR, RNFA

NIFA/NISE Course Administrator

Office Hours: Monday – Thursday 8:00am – 4:00 pm

Friday 8:00 am - 3:00 pm MST

## Textbooks

- AORN. (2019). *Guidelines for perioperative practice*. Denver, CO: AORN. Phillip, N. (Ed.).
- Phillips. (2017). *Berry and Kohn's operating room technique* (13th ed.). St. Louis, MO: Elsevier.
- Rothrock, J.C. (2019). *Alexander's care of the patient in surgery* (16th ed.). St. Louis, MO: Elsevier.

## Course Objectives

Upon completion of this course the learner will be able to:

- Demonstrate proper surgical attire
- Demonstrate sterile technique including handwashing, gowning, and gloving
- Describe prevention of retained surgical items related to facility policy
- 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
- 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
- Describe the differences between disinfection, sterilization, and decontamination
- Identify commonly used surgical instruments, sutures, and staplers within the OR setting
- Identify common surgical medications and demonstrate medication safety
- Demonstrate the proper use of pneumatic tourniquet
- Demonstrate proper ESU safety
- Identify emergency situations in the perioperative setting

### **Content Outline**

- Learning Resources that include key terms, facility Q&A, and preceptor discussions
- Reading assignments from the course textbooks
- Recommended videos related to the unit topics
- Competencies
- Reflective journals assignments
- Quizzes in each unit

### **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

### **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

## Final Exam

The final exam consists of 200 comprehensive questions and must be proctored. Learners are given two (2) attempts to successfully pass the exam.

## Grading Scale

Quizzes and Final Exam

A = 92 – 100

B = 85 – 91

F = 84 and below

Reflective Journal and Competencies

Received/Required

## Clinical Information

Facility will provide and assign a preceptor to guide and instruct the learner on facility specific policies and processes.

## Class Participation

All learners are responsible for assigned material related to the course. It is expected that the learner completes the reading and video assignments in addition to the required assignments. Learners are expected to spend adequate time with the Preop Department, PACU, Sterile Processing, and Environmental Services to enhance their understanding of perioperative nursing.



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