

**I. CATALOG INFORMATION**

- A. Discipline: NURSING SCIENCE
- B. Subject Code and Number: NS M79
- C. Course Title: Intermediate Operating Room Nursing

## D. Credit Course units:

Units: 4

Lecture Hours per week: 1.5

Lab Hours per week : 8

Variable Units : No

## E. Student Learning Hours:

Lecture Hours:

Classroom hours: 26.25 - 26.25

Laboratory/Activity Hours:

Laboratory/Activity Hours 140 - 140**Total Combined Hours** in a 17.5 week term: 166.25 - 166.25

F. Non-Credit Course hours per week \_\_\_\_\_

G. May be taken a total of:  1  2  3  4 time(s) for credit

H. Is the course co-designated (same as) another course: No  Yes

If YES, designate course Subject Code & Number: \_\_\_\_\_

## I. Course Description:

Provides basic competencies in perioperative nursing in both scrub and circulating roles. Focuses on surgical specialties: general, gynecological, neurology, orthopedic, urology, and vascular; including the use of laparoscopy, laser and other complex surgical equipment. Focuses on preoperative assessment and planning, intra-operative implementation and postoperative evaluation.

## J. Entrance Skills

\*Prerequisite: No  Yes  Course(s)  
NS M78

\*Corequisite: No  Yes  Course(s)  
\_\_\_\_\_

Limitation on Enrollment: No  Yes   
\_\_\_\_\_

Recommended Preparation: No  Yes  Course(s)  
\_\_\_\_\_

Other: No  Yes

## K. Other Catalog Information:

## II. COURSE OBJECTIVES

Upon successful completion of the course, a student will be able to:

		<b>Methods of evaluation will be consistent with, but not limited by, the following types or examples.</b>
1	demonstrate the basic key roles and responsibilities of the nurse in the perioperative setting.	Clinical performance Skills demonstration Written assignments
2	build upon the basic surgical principles into the surgical specialties: general, gynecology, neurology, orthopedic, urology and vascular surgery procedures.	Clinical performance Skills demonstration Written assignments Written exams
3	develop beginning skills as an interdisciplinary team member as both a scrub and circulator with the different surgical specialties including general surgery, orthopedic, gynecological, vascular, urological, and neurological.	Clinical performance Skills demonstration Written assignments Written exams
4	maintain patient safety in the perioperative setting as it relates to the different surgical specialties.	Clinical performance Skills demonstration
5	develop, implement, and evaluate a nursing plan of care for a surgical patient for a specialized surgical procedure.	Clinical performance Skills demonstration Written assignments Written exams
6	demonstrate knowledge of complex surgical equipment including laparoscopic video equipment, surgical powered equipment, surgical staples, and lasers.	Clinical performance Skills demonstration

## III. COURSE CONTENT

<b>Estimated %</b>	<b>Topic</b>	<b>Learning Outcomes</b>
<b>Lecture</b> (must total 100%)		
12.50%	Role of the operating room (OR) nurse in the perioperative setting orientation to OR, scrub and circulating role Introduction to general surgery: hernias, breast, and bowel	1, 2, 3, 4, 5
12.50%	Introduction to role of OR nurse in gynecological surgery; dilation and curettage (D&C), abdominal hysterectomies, hysteroscopy, pelviscopy	1, 2, 3, 4,

	Plan of care for the patients with gynecological surgery	5
25.00%	Introduction of the OR nurse to orthopedic surgery; hands, feet, arthroscopies Safe use of the drills and specialized equipment during these procedures Plan of care for the patients with orthopedic surgery	1, 2, 3, 4, 5, 6
12.50%	Introduction of the OR nurse to urological surgery; cystoscopy, transurethral resection of the prostate (TURP), uteroscopy, and prostatectomy Plan of care for the patients with urological surgery	1, 2, 3, 4, 5
25.00%	Introduction of the OR nurse to vascular procedures; shunts, aortic and femoral bypass and carotid surgical procedures Safe and effective use of Doppler and embolectomy catheters Plan of care for the patients with vascular surgery	1, 2, 3, 4, 5
12.50%	Introduction of the OR nurse to neurological procedures; ventriculoperitoneal (VP) shunts and laminectomy Plan of care for the patients with neurological surgery	1, 2, 3, 4, 5, 6
<b>Lab (must total 100%)</b>		
12.50%	Apply safety/technical skills, critical thinking and clinical reasoning, communication, responsibility/accountability, and organization/prioritization in providing care to the patients during general surgery: hernias, breast, and bowel	1, 2, 3, 4, 5, 6
12.50%	Apply safety/technical skills, critical thinking and clinical reasoning, communication, responsibility/accountability, and organization/prioritization in providing care to the patients during gynecological surgery; D&C, abdominal hysterectomies, hysteroscopy, pelviscopy	1, 2, 3, 4, 5, 6
25.00%	Apply safety/technical skills, critical thinking and clinical reasoning, communication, responsibility/accountability, and organization/prioritization in providing care to the patients orthopedic surgery; hands, feet, arthroscopies	1, 2, 3, 4, 5, 6
12.50%	Apply safety/technical skills, critical thinking and clinical reasoning, communication, responsibility/accountability, and organization/prioritization in providing care to the patients during urological surgery; cystoscopy, TURP, uteroscopy, and prostatectomy	1, 2, 3, 4, 5, 6
25.00%	Apply safety/technical skills, critical thinking and clinical reasoning, communication, responsibility/accountability, and organization/prioritization in providing care to the patients during vascular procedures; shunts, aortic and femoral bypass and carotid surgical procedures	1, 2, 3, 4, 5, 6
12.50%	Apply safety/technical skills, critical thinking and clinical reasoning, communication, responsibility/accountability, and organization/prioritization in providing care to the patients during neurological procedures; VP shunts and laminectomy	1, 2, 3, 4, 5, 6

#### IV. TYPICAL ASSIGNMENTS

##### A. Writing assignments

Writing assignments are required. Possible assignments may include, but are not limited to:	
1	documenting in an electronic health record.
2	completing clinical journals.
3	maintaining a self-reflective journal about the OR experience.

**B. Appropriate outside assignments**

Appropriate outside assignments are required. Possible assignments may include, but are not limited to:	
1	participate in chat room discussions of OR case studies.
2	take online pre-tests, assessments, and other practice tests on role of OR nurse during specialized surgeries (gynecological, orthopedic, vascular, and neurological).
3	conduct library and Internet research on current specialized surgical equipment.

**C. Critical thinking assignments**

Critical thinking assignments are required. Possible assignments may include, but are not limited to:	
1	participate in in-class discussions about the role of the OR nurse.
2	utilize the nursing process to formulate a patient plan of care during vascular surgery/procedure.
3	analyze patient lab values and changing the plan of care during the OR period.

**V. METHODS OF INSTRUCTION**

Methods of instruction may include, but are not limited to:

Distance Education – When any portion of class contact hours is replaced by distance education delivery mode (Complete DE Addendum, Section XV)

Lecture/Discussion

Laboratory/Activity

Other (Specify)

Demonstration

Simulation exercises during skills lab

Role modeling in the clinical setting

Written evaluation of nursing care plan

Verbal guidance in debriefing after simulation

Assigned reading from the text and other evidence-based resources

Online chat discussions of case studies

Optional Field Trips

Required Field Trips

**VI. METHODS OF EVALUATION**

Methods of evaluation may include, but are not limited to:

Essay Exam

Classroom

Skill Demonstration

Discussion

Problem Solving Exam

Reports/Papers/  
Journals

Participation

Objective Exams

Projects

Other (specify)

Clinical case scenarios simulations.Clinical performance.Nursing care plan.**VII. REPRESENTATIVE TEXTS AND OTHER COURSE MATERIALS**

Rothrock, Jane. Alexander's Care of the Patient in Surgery. 16th ed. Elsevier, 2018.

Hamlin, Lois, et al. Perioperative Nursing: An Introduction. 2nd ed. Elsevier, 2016.

Goodman, Terri, and Cynthia Spry. Essentials of Perioperative Nursing. 6th ed. Jones Bartlett, 2016.

**VIII. STUDENT MATERIALS FEES**

No  Yes

**IX. PARALLEL COURSES**

<i>College</i>	<i>Course Number</i>	<i>Course Title</i>	<i>Units</i>
Saddleback College	N 238	Perioperative Nursing I	10
Southwestern College	ORN 211L	Operating Room Nurses Training Laboratory	4

**X. MINIMUM QUALIFICATIONS****Courses Requiring a Masters Degree:**

Master's Degree in Nursing OR Bachelor's Degree in Nursing AND Master's in Health Education or Health Science OR the equivalent OR the minimum qualifications as set by the Board of Registered Nursing, whichever higher.

**XI. ARTICULATION INFORMATION****A. Title V Course Classification:**

## 1. This course is designed to be taken either:

Pass/No Pass only (no letter grade possible); or

Letter grade (P/NP possible at student option)

## 2. Degree status:

Either  Associate Degree Applicable; or  Non-associate Degree Applicable

**B. Moorpark College General Education:**

## 1. Do you recommend this course for inclusion on the Associate Degree General Education list?

Yes:  No:  If YES, what section(s)?

A1 - Natural Sciences - Biological Science

A2 - Natural Sciences - Physical Science

B1 - Social and Behavioral Sciences - American History/Institutions

B2 - Social and Behavioral Sciences - Other Social Behavioral Science

C1 - Humanities - Fine or Performing Arts

C2 - Humanities - Other Humanities

D1 - Language and Rationality - English Composition

- D2 - Language and Rationality - Communication and Analytical Thinking
- E1 - Health/Physical Education
- E2 - PE or Dance
- F - Ethnic/Gender Studies

C. California State University(CSU) Articulation:

1. Do you recommend this course for transfer credit to CSU? Yes:  No:

2. If YES do you recommend this course for inclusion on the CSU General Education list?

Yes:  No:  If YES, which area(s)?

- A1  A2  A3  B1  B2  B3  B4
- C1  C2  D1  D2  D3  D4  D5
- D6  D7  D8  D9  D10  E

D. University of California (UC) Articulation:

1. Do you recommend this course for transfer to the UC? Yes:  No:

2. If YES do you recommend this course for the Intersegmental General Education Transfer Curriculum (IGETC)? Yes:  No:

IGETC Area 1: English Communication

- English Composition
- Critical Thinking-English Composition
- Oral Communication

IGETC Area 2: Mathematical Concepts and Quantitative Reasoning

- Mathematical Concepts

IGETC Area 3: Arts and Humanities

- Arts
- Humanities

IGETC Area 4: Social and Behavioral Sciences

- Anthropology and Archaeology
- Economics
- Ethnic Studies
- Gender Studies
- Geography
- History
- Interdisciplinary, Social & Behavioral Sciences

- Political Science, Government & Legal Institutions
- Psychology
- Sociology & Criminology

IGETC Area 5: Physical and Biological Sciences (mark all that apply)

- Physical Science Lab or Physical Science Lab only (non-sequence)
- Physical Science Lecture only (non-sequence)
- Biological Science
- Physical Science Courses
- Physical Science Lab or Biological Science Lab Only (non-sequence)
- Biological Science Courses
- Biological Science Lab course
- First Science course in a Special sequence
- Second Science course in a Special Sequence
- Laboratory Activity
- Physical Sciences

IGETC Area 6: Language other than English

- Languages other than English (UC Requirement Only)
- U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)
- U.S. History, Constitution, and American Ideals (CSU Requirement ONLY)

**XII. REVIEW OF LIBRARY RESOURCES**

- A. What planned assignment(s) will require library resources and use?

The following assignments require library resources:

Using the Library's print and online resources specializing in nursing topics, research nursing care plans and their usefulness; and other topics such as OR patient care during vascular surgery.

- B. Are the currently held library resources sufficient to support the course assignment?

YES:  NO:

If NO, please list additional library resources needed to support this course.

**XIII. PREREQUISITE AND/OR COREQUISITE JUSTIFICATION**

Requisite Justification for NS M78

A. Sequential course within a discipline.

B. Standard Prerequisite or Corequisite required by universities.

- C. Corequisite is linked to companion lecture course.
- D. Prerequisite or Corequisite is authorized by legal statute or regulation.  
Code Section: \_\_\_\_\_
- E. Prerequisite or Corequisite is necessary to protect the students' health and safety.
- F. Computation or communication skill is needed.
- G. Performance courses: Audition, portfolio, tryouts, etc. needed.

#### **XIV. WORKPLACE PREPARATION**

Required for career technical courses only. A career technical course/program is one with the primary goal to prepare students for employment immediately upon course/program completion, and/or upgrading employment skills.

Detail how the course meets the Secretary of Labors Commission on the Achievement of Necessary Skills (SCANS) areas. (For a description of the competencies and skills with a listing of what students should be able to do, go to:

<http://www.ncrel.org/sdrs/areas/issues/methods/assment/as7scans.htm>)

The course will address the SCANS competency areas:

1. Resources: the students will • Time - select goal-relevant activities, rank them, allocate time, and prepare and follow schedules • Money - keep records, and make adjustments to meet objectives • Material and facilities - acquire, store, allocate, and use materials or space efficiently • Human resources - assess skills and distribute work accordingly, evaluate performance and provide feedback.
2. Interpersonal: the students will • Participate as member of a team - contribute to group effort • Teach others new skills • Service clients/customers - works to satisfy customers expectations • Exercise leadership - communicate ideas to justify position, persuade and convince others, responsibly challenges existing procedures and policies • Negotiate - work toward agreements involving exchange of resources, resolve divergent interests • Work with diversity - work well with men and women from diverse backgrounds.
3. Information: the students will • Organize and maintain information • Interpret and communicate information • Use computers to process information.
4. Systems: the students will • Understand systems - know how social, organizational, and technological systems work and operate effectively with them • Monitor and correct performance - distinguish trends, predict impacts on system operations, diagnose deviations in systems performance and correct malfunctions • Improve or design systems - suggest modifications to existing systems and develop new or alternative systems to improve performance.
5. Technology: the students will • Select technology - choose procedures, tools, or equipment including computers and related technologies • Apply technology to



tasks - understand intent and proper procedures for setup and operation of equipment • Maintain and troubleshoot equipment - prevent, identify, or solve problems with equipment, including computers and other technologies

The course also addresses the SCANS skills and personal qualities:

1. **Basic Skills:** the students will • **Reading** - locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules • **Writing** - communicate thoughts, ideas, information, and messages in writing; and create documents such as letters, directions, manuals, reports, graphs, and flow charts • **Arithmetic/mathematics** - perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques • **Listening** - receive, attend to, interpret, and respond to verbal messages and other cues • **Speaking** - organize ideas and communicate orally,
2. **Thinking Skills:** the students will • **Creative thinking** - generate new ideas • **Decision-making** - specify goals and constraint, generate alternatives, consider, risks, and evaluate and chooses best alternatives • **Problem solving** - recognize problems and devise and implements plan of action • **Visualizing** - organize and process symbols • **Knowing how to learn** - use efficient learning techniques to acquire and apply new knowledge and skills • **Reasoning** - discover a rule or principle underlying the relationship between two or more objects and apply it when solving a problem.
3. **Personal Qualities:** the students will • **Responsibility** - exert a high level of effort and persevere towards goal attainment • **Self-esteem** - believe in own self-worth and maintain a positive view of self • **Sociability** - demonstrate understanding, friendliness.

**XV. DISTANCE LEARNING COURSE OUTLINE ADDENDUM**

NS M79: Not Applicable

**XVI. GENERAL EDUCATION COURSE OUTLINE ADDENDUM**

NS M79: Not Applicable

**XVII. STUDENT MATERIALS FEE ADDENDUM**

NS M79: Not Applicable

**XVIII. REPEATABILITY JUSTIFICATION TITLE 5, SECTION 55041**

NS M79: Not Applicable

**XIX. CURRICULUM APPROVAL**

Course Information:

Discipline: NURSING SCIENCE

Discipline Code and Number: NS M79

Course Revision Category: Outline Update

Course Proposed By:

Originating Faculty Olga Myshina 04/10/2018

Faculty Peer: Christina Lee 05/04/2018

Curriculum Rep: Olga Myshina 04/15/2018

Department Chair: Christina Lee 04/18/2018

Division Dean: Norman Marten 04/18/2018

Approved By:

Curriculum Chair: Jerry Mansfield 02/08/2019

Executive Vice President: \_\_\_\_\_

Articulation Officer: Letrisha Mai 01/17/2019

Librarian: Mary LaBarge 01/13/2019

Implementation Term and Year: Fall 2019

Approval Dates:

Approved by Moorpark College Curriculum Committee: 03/05/2019

Approved by Board of Trustees (if applicable): \_\_\_\_\_

Approved by State (if applicable): 03/11/2019