

October 11, 2021

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**Coordinating Commission
for Postsecondary Ed.**

Michael Baumgartner, Ph.D.
Executive Director
Coordinating Commission for Postsecondary Education
140 N. 8th Street, Suite 300
Lincoln, NE 68509
mike.baumgartner@nebraska.gov

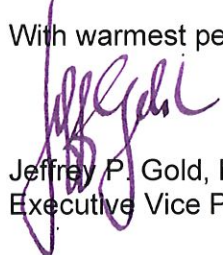
new program - Dec mtg

Dear Dr. Baumgartner:

Enclosed is a copy of the proposal to create a **Perioperative Nursing Undergraduate Certificate** in the College of Nursing at the **University of Nebraska Medical Center**. The proposal was approved by the Board of Regents at the October 8, 2021 meeting. Also enclosed is the Proposal for New Instructional Program Form 92-40.

Please do not hesitate to contact me if you should have any questions.

With warmest personal regards,


Jeffrey P. Gold, M.D.
Executive Vice President and Provost

Enclosures

JPG/cr

cc: Jeffrey P. Gold, M.D., Chancellor
H. Dele Davies, M.D., Senior Vice Chancellor for Academic Affairs
Juliann Sebastian, Ph.D., Dean, College of Nursing
David Jackson, Ph.D., Vice Provost

**COORDINATING COMMISSION
FOR POSTSECONDARY EDUCATION**

140 N. 8th Street, Suite 300
Lincoln, NE 68508

Telephone: (402) 471-2847
FAX: (402) 471-2886

PROPOSAL FOR NEW INSTRUCTIONAL PROGRAM

Form 92-40

SECTION I

Institution Submitting Proposal: University of Nebraska Medical Center

Title of Program: Perioperative Nursing

CIP Code: 51.3812

Organizational Unit in which program will be located:

College of Nursing

Name of contact person in the event additional information is needed: David S. Jackson, Ph.D., Vice Provost

Telephone: 402-472-5242

Degree, Diploma, or Certificate to be offered (use separate submittal for each level):

Perioperative Nursing Undergraduate Certificate

Proposed date to initiate program: When approved by the Coordinating Commission

List the location(s) where this program will be offered: UNMC

If the program has a projected ending date, please so indicate:

Date approved by Governing Board: October 8, 2021

(Attach all documents related to this proposal upon which the Governing Board made its decision to approve the proposal.)

Chief Executive Officer's or other Authorized Officer's signature: _____


Jeffrey P. Gold, M.D.

TO: The Board of Regents Addendum XI-A-3

Academic Affairs Committee

MEETING DATE: October 8, 2021

SUBJECT: Creation of a Perioperative Nursing Undergraduate Certificate in the College of Nursing at the University of Nebraska Medical Center

RECOMMENDED ACTION: Approval to create a Perioperative Nursing Undergraduate Certificate in the College of Nursing at the University of Nebraska Medical Center (UNMC)

PREVIOUS ACTIONS: April 10, 2015 – The Board approved the creation of an Internationally Educated Nurses Undergraduate Certificate in the College of Nursing at UNMC.

The Bachelor of Science in Nursing at UNMC was established prior to modern records of Board approvals.

EXPLANATION: The proposed 14-credit hour UNMC Perioperative Nursing Undergraduate Certificate is designed to prepare registered nurses to function at a staff nurse level in perioperative nursing. Perioperative nursing is the term used to include patient pre-operative care, the actual time in the operating room, and the time patients spend in post-anesthesia recovery. Most nursing pre-licensure programs offer very limited, if any, exposure to highly specialized perioperative nursing within their curricula. This program will help address shortages of nurses in this sub-field. Classroom instruction will be delivered in a hybrid modality (online, distance, synchronous, asynchronous), with intermittent intensive face-to-face sessions for simulation and clinical exams. Students also will engage in supervised clinical practice in hospitals in their geographic area.

This proposal has been reviewed by the Council of Academic Officers; it also has been reviewed by the Academic Affairs Committee.

PROGRAM COST: \$105,840 for Year 1; \$546,840 over five years

SOURCE OF FUNDS: Tuition and fees

SPONSORS: H. Dele Davies
Senior Vice Chancellor for Academic Affairs

Jeffrey P. Gold, Chancellor
University of Nebraska Medical Center

RECOMMENDED: 

Jeffrey P. Gold, M.D.
Executive Vice President and Provost

DATE: September 10, 2021



August 4, 2021

Jeffrey Gold
Chancellor, University of Nebraska Medical Center
Executive Vice President and Provost
University of Nebraska
3835 Holdrege Street
Lincoln, NE 68583

Dear Provost Gold:

I am forwarding you the materials relating to the creation of a Perioperative Nursing Certificate, administered by the College of Nursing. This 14-credit certificate program is designed to prepare registered nurses to function at a staff nurse level in perioperative nursing. Perioperative nursing is the term given to care delivered during the perioperative continuum, which includes pre-operative care, the actual time in the operating room, and time patients spend in post-anesthesia (recovery room). This certificate will encompass all three areas of care delivery but will focus primarily on care delivered in the operating room. Over the last several years, multiple authors, and our clinical partners, have documented a looming shortage of qualified perioperative nurses. This one-semester program aims to alleviate this shortage in our state and region.

This proposal has been reviewed by us, and it has our approval. We are requesting your review and approval, that of the Chief Academic Officers, and that it be reported to the Board of Regents at an upcoming meeting.

Sincerely,

A handwritten signature in black ink, appearing to read 'H. Dele Davies'.

H. Dele Davies, MD, MS, MHCM
Senior Vice Chancellor
University of Nebraska Medical Center

Proposal to Create an Undergraduate Certificate in Perioperative Nursing

University of Nebraska Medical Center

College of Nursing

I. Descriptive Information

Name of the institution proposing the program: The University of Nebraska Medical Center (UNMC)

Name of the program being proposed: Perioperative Nursing Certificate (PNC) Program

CIP code: 51.3812

Degree/credential to be awarded graduates of the program: Undergraduate Perioperative Nursing Certificate (PNC)

Other approved programs offered in this field by the institution: Other currently approved UNMC nursing programs include BSN, MSN, PhD, DNP, and Post (Master's) Graduate Certificates.

Administrative unit for the program: College of Nursing (CON)

Proposed delivery site(s) and type(s) of delivery, if applicable: The didactic (classroom) curriculum for this program will be delivered in a hybrid modality (online, distance, synchronous, asynchronous), with intermittent intensive face-to-face sessions for simulation and Objective Structured Clinical Exams (OSCEs). Students will also engage in supervised clinical practice in hospitals in their geographic area. Currently, operating room (OR) simulation rooms exist in Omaha and Lincoln. Other sites may be added at a later date.

Date approved by governing board: Pending

Proposed date (term/year) the program will be initiated: Upon Approval. Clinical partners are advocating for first offering in January 2022, with transition to summers only in subsequent years.

Description, including credit hours and other requirements (program of study), and purpose of the proposed program:

This 14 credit certificate program is designed to prepare registered nurses (RN) to function at a staff nurse level in perioperative nursing. Perioperative nursing is the term given to care delivered during the perioperative continuum, which includes pre-operative care, the actual time in the operating room, and time patients spend in post-anesthesia (recovery room). This certificate will encompass all three areas of care delivery, but will focus primarily on care delivered in the operating room. Over the last several years, multiple authors have documented a looming shortage of qualified perioperative nurses (AORN, 2015; Beitz, 2019; Gallegos, 2018; Sadler, 2017). While the general nursing shortage and retirement of nurses with multiple years of experience is a large part of this shortage, it is exacerbated by the fact that most pre-licensure programs of nursing offer very limited, if any, exposure to highly specialized perioperative nursing within their curricula. It is further complicated by the fact that orientation for perioperative positions takes a minimum of six months, and often more, in most acute care hospitals. Thus, new nursing graduates are often not aware of perioperative opportunities, and once there, may decide that this clinical area is not for them, resulting in a workforce loss for the institution. This program is designed to give the student didactic knowledge, as well as simulation and supervised clinical

experiences such that graduates feel they have been prepared for this clinical area. They will come to the employer with knowledge and skills that will shorten the time required to be oriented to a specific organization, and able to function more independently in significantly less time.

The program includes 14 credits which will be completed in a 15 week semester and includes 225 hours (5 credits) of lab, simulation and supervised clinical experience. Laboratory and simulation experiences will take place virtually or in OR simulation rooms within institutions available to UNMC CON.

Perioperative care requires teamwork with other health professionals; this program is focused on preparing RNs for the perioperative roles and competencies within the operating room team setting. This curriculum was approved by the Undergraduate Curriculum Committee of the CON on October 4, 2020, and by the full faculty through the General Faculty Organization on November 16, 2020. In response to requests from clinical partners, ideally this program would be offered in January 2022 and transition to summer session only thereafter.

The program description is: "The PNC program provides an interprofessional patient-centered approach to the principles and practice of perioperative care. Using the perioperative continuum as the basis for learning, students explore the essentials of communication (TeamSTEPPS™), and principles of interprofessional practice in perioperative areas (preoperative, intraoperative and postoperative areas) and support of the patient and family as they move through the continuum. Case studies, simulations in an OR lab and clinical experience with preceptors in selected clinical sites will assist in applying theory to practice. At the end of the semester, the student will be able to identify the principles of interprofessional perioperative care, the perioperative environment, safety in the perioperative area, aseptic technique, equipment and instrumentation, roles of the perioperative team, including circulating and scrubbing, and the collaborative team approach to care. At the successful completion of the didactic and clinical components of the program, the student will be able to function at a baseline perioperative nurse level within the perioperative environment and will receive a PNC."

Competencies of the Program include:

1. Utilize the concepts of safety, asepsis, advocacy, teamwork, communication and patient centered care to improve outcomes in the perioperative setting.
2. Correlate critical thinking and systematic inquiry with patient care practices throughout the perioperative continuum.
3. Demonstrate the clinical competency criteria in the key roles of the perioperative nurse: scrub, circulator and manager of care.
4. Manage patient care activity throughout the perioperative continuum that is based on respect for the patient's preference, values and needs.
5. Collaborate with the interprofessional team to inform decision-making regarding the care of patients, families and groups.
6. Integrate leadership in the provision, coordination and evaluation of safe, quality care in a variety of settings.
7. Analyze the impact of information technology when planning and caring for patients and families.

A student in the program must already be a nurse, but there is no restriction of which type of pre-licensure program completed by the applicants. Students may be admitted as new graduates, or RNs with an unencumbered license in Nebraska, and a minimum graduation GPA of 2.0 from their pre-licensure program. Those who enter as new graduates must have completed their pre-licensure program before the program begins. In order to be licensed as an RN in Nebraska, the graduate must successfully pass the National Council Licensing Examination (NCLEX). The new graduate may complete the program, but transcripts and certificates of completion will not be released until NCLEX certification is complete and the individual is licensed as an RN.

A program of study, and course descriptions can be found in Appendix A.

II. Review Criteria

Relationship of the proposal to NU Five-Year Strategy

This proposed program meets several of the Five-Year Strategy Priorities as explained below.

Accessible, Affordable and Attainable Education: Currently there are two paths to RN licensure – the Associate Degree in Nursing (ADN) graduate and the Baccalaureate of Science in Nursing (BSN) graduate. Both may function as perioperative nurses; thus, the admission criteria for this new certificate program do not specify which of the two pre-licensure educational programs applicants must have completed. We are using a hybrid model and virtual resources to make the didactic portion available wherever students live, while ensuring competence through immersive in-person simulation and labs. Precepted clinical experiences can also be fulfilled where students live.

Fulfilling Nebraska's Workforce Needs: While this program does not increase the total number of nurses in the state, it does provide Nebraska hospitals with individuals who have completed learning for a specialized role in nursing. As noted, this nursing specialty is rarely included in pre-licensure nursing education, but is a specialty required in almost every hospital. Chief nursing officers at a number of Nebraska's hospitals have told us they would benefit from students learning this material in an organized program (for example, see the two letters of support that are attached).

Fostering an Inclusive Culture and Environment: All RNs are eligible to register in this program. Successful completion of this program may encourage participants to consider additional education and skills in nursing at a later date.

Amplifying our Impact Through Partnerships: We have heard in the College of Nursing Community Advisory Meetings on each of our five campuses of the shortage of nurses competent in this specialty. We are responding and partnering with clinical agencies across the state to provide nurses with the preparation necessary to meet the need.

Maximizing Efficiency and Effectiveness: The people of Nebraska have demonstrated trust by helping to fund the simulation and laboratory resources on our campuses. We are aiming to maximize use of these resources for another type of health student – nurses. Graduates of this program will need less orientation time in their employment setting, thus assisting clinical agencies to also be more efficient and effective.

A. Centrality to Role and Mission:

The mission of UMNC is to “lead the world in transforming lives to create a healthy future for all individuals and communities through premier educational programs, innovative research and extraordinary patient care.” Within the UNMC strategic plan, attention to innovative educational opportunities is noted. This program meets two of the strategies outlined in the mission – it is a premier and innovative educational program, and contributes to extraordinary patient care. As delineated under the need and demand section of this proposal, our clinical partners view this program as assisting them to meet the needs of their patients. In addition, the interprofessional focus of the program assists in moving OR nursing to a more holistic vision.

In the Comprehensive Statewide Plan for Postsecondary Education, UNMC is noted as “the primary unit of the University of Nebraska for programs in health –related disciplines.” It further goes on to state “UNMC’s areas of specialization serve as an excellent model to other institutions.” Thus, it is fitting that UNMC should lead the state in creating this innovative certificate and internship.

B. Evidence of Need and Demand:

The literature cited earlier in this document outlines a national need for this program. Our Nebraska assessment of need is based on requests from our clinical partners. As part of the CON relationship with our partners across the state, the CON holds annual Advisory Committee meetings in each of our five campuses (Kearney, Lincoln, Norfolk, Omaha, Scottsbluff). Advisory Committee members in each city come from local and surrounding institutions. In meetings on each campus over the last few years, conversations have been held about nursing shortages in general, and specifically for perioperative nurses. Retirements of nurses with significant experience have been noted. Difficulty in recruiting replacement nurses have been cited – including the need to pay premium salaries due to on call requirements. The lengthy time required to orient a nurse new to the perioperative setting has been identified as a problem. As we talked about this proposal, there was strong interest noted; in fact, two of the most common questions were “when will it start?” and “how many seats will you have?” Several institutions have indicated that they would be willing to assist students with costs, as they envision this program helping them to orient new staff at a much quicker pace. Several clinical partners have also contributed significantly to the curriculum plan. Two letters of support from chief nursing officers in large Nebraska hospitals are included in the supporting documentation file.

There are nurse credentials for perioperative nurses to apply for certification by the Competency and Credentialing Institute (CCI). The eligibility criteria focus on possession of a Registered Nurse license and two years (2,400 hours) of documented clinical experience in a perioperative setting (<https://www.cc-institute.org/cnor/learn/#eligible>). Completing eligibility requirements allows the candidate to receive study materials in preparation for sitting the perioperative credentialing examination. Once certified, the certification must be renewed every five years. Nurses who achieve certification receive the credential Certified Perioperative Nurse (CNOR). There are additional levels of certification, generally at the management/ leadership levels. While this program will not shorten the time to credential eligibility, it is believed that this program will better prepare the nurse to enter the perioperative field, and will shorten the preparation time required once eligibility criteria have been met.

C. *Adequacy of Resources*

1. Faculty and Staff Resources

Faculty resources for this program include resources for teaching and clinical supervision. Ms. Jane Miller and Ms. Sarah Dillon are already on faculty, and there are additional potential faculty who have contributed to this proposal, and who are willing to teach. As noted in the budget, we anticipate requiring 1.5 FTE at the instructor level and .5 FTE at the assistant professor level for 20 enrolled students. We plan to schedule it for summers only, so faculty needs can be filled through summer contracts, or extending current academic year faculty into a summer contract. The CON is currently working with our clinical partners to ensure quality precepted clinical experiences, as well as contributions to the curriculum. Our clinical partners have indicated support in providing preceptors and quality clinical experiences. As we continue to add programs to the College of Nursing, additional support and admissions staff are added as required. The budget outlines that we anticipate a small increase in student services and simulation staff. For the short term, these assignments can be handled as part of the current complement. However, as we implement additional academic programs, these small amounts of staff time will add up to an advertised part-time or full-staff member. This would also occur if the CON experiences a large increase in student enrollment.

2. Physical Facilities

The CON currently offers nursing programs in five locations in Nebraska – Kearney, Lincoln, Omaha, Norfolk and Scottsbluff. In addition, students access programs using distance technology such as Zoom or IP Video. It is planned that this program will be delivered as a hybrid, utilizing synchronous and asynchronous distance delivery, as well as in-person labs and simulations, and finally, supervised clinical practice. The in-person sessions will be planned within each course, and communicated to the students well ahead of time. The in-person sessions may take place in Omaha, or Lincoln, as each have OR simulation rooms. Should demand increase, the CON is planning to invest in further OR simulation sites, beginning with Kearney. The clinical hours will be precepted in hospitals within the students' geographic locale, with faculty visits in person or by Zoom with the student and the preceptors.

3. Instructional Equipment and Informational Resources

As noted, two of the divisions currently have OR simulation equipment, and all campuses have Zoom connectivity, as courses are often shared amongst the divisions. Thus, at least initially, there would be no need for additional equipment. Two of the other divisions outside of Omaha and Lincoln have expressed interest in creating simulation space for this program, so there is the potential to expand using simulation resources on those campuses.

4. Budget Projections

Please see Tables 1 and 2, with accompanying explanation.

D. *Avoidance of Unnecessary Duplication*

The Association of periOperative Registered Nurses (AORN) currently offers an OR101 course that can be accessed by hospitals. Multiple internet searches resulted in only one university-based hospital system (Mayo Clinic) that offered the course. There was one site that listed the “top 10” schools for perioperative nursing; however, extensive review of several of the school websites showed that the schools listed offered an anesthesia advanced practice RN program (CRNA), rather than a perioperative program for RNs. A call to AORN elicited the information that they do NOT keep a list of schools and/or hospitals that use the curriculum, and they declined to share any aspects of the curriculum or where one might go to take the course. We were unable to find a university-based academic program such as this perioperative certificate we are proposing and there is definitely not a program available at any schools of nursing in Nebraska.

As noted previously, eligibility for initial certification as a CNOR is the completion of a pre-licensure RN degree, RN licensure, and documented hours of perioperative experience. A phone call to the accreditor (Competency and Credentialing Institute) elicited the information that no additional education was required.

E. *Consistency with the Comprehensive Statewide Plan for Postsecondary Education*

The program that is proposed herein meets all of the major statewide goals. It meets **the needs of students** by enabling them to be more successful in achieving fewer barriers in successful practice as a perioperative nurse. It meets **the needs of the state** in that it provides nurses who know they will find satisfaction in the perioperative environment and are more than ready for orientation to that nursing workforce in Nebraska. It **builds exemplary institutions** through the preparation of nurses who elect to enter this field of nursing, working in interprofessional teams, and demonstrating exemplary care of patients and families. While this program is aimed at Nebraska nursing needs, out-of-state students may be part of the program. Finally, UNMC and the CON have been consistent in **facilities planning to meet educational needs**. The ability of the CON to use simulation facilities to support the Perioperative Nursing Certificate makes it possible to meet this unique and important educational need.

References

AORN Transition to Practice Ad Hoc Committee (2015). Perioperative nursing succession planning: Theoretical learning, clinical opportunities and residencies. White Paper. https://www.aorn.org/-/media/aorn/education/facility-solutions/p101-redesign-082017/pdfs_and_content/perioperative-nursing-succession-planning-white-paper_nov15.pdf?la=en&hash=EA4DE7167CBD914B7918AC1BC2F50E7F

Beitz, J.M. (2019). Addressing the perioperative nursing shortage through education: A perioperative imperative. *AORN Journal*, 110, 403-414. doi.org/10.1002/aorn.12805

Gallegos, L. (2018). Growing perioperative nurse shortage puts medical facilities at risk. <https://www.bsmconsulting.com/blog/or-nurse-shortage>

Sadler, D. (2017). Shift change: OR staffing shortage. *OR Today Magazine*. <https://ortoday.com/shift-change-or-staffing-shortage/>

Perioperative Nursing Certificate (PNC)

Course Descriptions

*(Please note, the courses will be taught in blocks, students must be successful in an earlier course to progress to the later courses. This progression is noted through use of prerequisites. All courses can be completed within a single semester using the system of scheduling blocks.)

NRSG 460 Principles of Perioperative Patient Centered Care

Course Description

This course is designed to provide an overview of the interprofessional role of the Registered Nurse in the perioperative environment, including the preoperative, intraoperative and post anesthesia recovery phases of perioperative care. Concepts of critical thinking, systematic inquiry, ethical decision-making, communication, patient centered care, leadership, and professionalism will be presented. The student will explore the essentials of communication and principles of interprofessional practice in the areas of perioperative team roles, standards of perioperative nursing practice, patient safety, advocacy, team care planning, risk management and patient teaching as the patient and family moves through the perioperative continuum. Online learning modules, case studies and laboratory simulations encourage engagement in application of theory to practice.

Credit allocation 3 credits

Objectives:

At the end of this course, the student will be able to:

1. Examine the phases of care and essential activities of the perioperative nurse within the preoperative, intraoperative and post anesthesia recovery phases of the surgical process.
2. Utilize the perioperative nursing process, evidence-based standards, and critical thinking to develop patient-focused interventions and outcomes.
3. Analyze the perioperative nurse role as an interprofessional team member in delivery of care to the perioperative patient and family in each phase of the perioperative process.
4. Apply the principles of patient-centered care and standards of perioperative nursing practice to include advocacy, risk management, ethical decision making and team care planning.
5. Utilize TeamSTEPPS® and other teamwork concepts to improve and optimize communication, teamwork, and safety among health care professionals.

NRSG 461 Concept: Infection Control and Asepsis

Course Description

This course will focus on the basic principles of infection control and asepsis in the intraoperative environment. The principles of surgical asepsis, perioperative attire, creating and maintaining a sterile field, environmental cleaning, skin preparation and wound management, and sterilization and disinfection of instruments and equipment will be discussed. The student will implement the principles of evidence-based practice in the intraoperative environment. The on-site utilization of simulation and in-class activities are key components of this course. Students will complete clinical hours within the perioperative setting.

Credit allocation 2 credits (1-didactic; 1-clinical) **Prerequisite** – NRSG460

Objectives:

At the end of this course, the student will be able to:

1. Summarize the role of the nurse within the intraoperative team in relation to the management and control of the aseptic and sterile environment.
2. Implement a “surgical conscience” in all care activities to ensure the highest level of care for all patients within the perioperative continuum.
3. Demonstrate perioperative infection control processes to include surgical attire, surgical hand antisepsis, surgical gowning and gloving, surgical site preparation, wound management, and maintaining a sterile field.
4. Apply the principles of infection control in the decontamination and sterilization of environmental surfaces, instruments, and equipment.
5. Utilize evidence-based standards to improve infection control and aseptic practices in the intraoperative setting.
6. Develop a quality improvement mindset that values innovation and the use of evidence-based standards as the foundation for improved outcomes throughout the perioperative continuum.

NRSG 462 –Concept: Safety and Risk Management

Course Description

This course will focus creating a culture of safety, open communication, teamwork, and recognition of system issues and human error to promote quality patient outcomes. The student will evaluate methods to reduce hazards and promote safety for the patient and the intraoperative team. The learners will identify roadblocks to optimize patient safety and discuss mechanisms by which a culture of safety can be fostered. Finally, the students will learn how to manage situations in which adverse events occur. The on-site utilization of simulation and in-class activities are key components of this course. Students will complete clinical hours within the perioperative setting.

Credit allocation 2 credits (1-didactic; 1-clinical) **Prerequisite** NRSG 460

Objectives:

At the end of this course, the student will be able to:

1. Demonstrate safe care in the intraoperative environment, including patient positioning for a variety of surgical procedures, fire prevention, radiation protection, prevention of retained foreign objects and use of electrosurgical cautery.
2. Utilize the concepts of safety, advocacy, and teamwork to identify quality improvement initiatives that reduce risk in the perioperative environment.
3. Analyze system issues and human error that contribute to patient harm.
4. Summarize authority gradients and their influence on teamwork and patient safety.
5. Demonstrate skill in using patient care technologies, information systems and communication devices that support safe care practices.
6. Advocate for patients to ensure a perioperative environment that is focused on the patient's preferences, values and needs.

NRSG 463 –The Scrub Role of the Perioperative Nurse**Course Description:**

This course provides an overview of how the perioperative nurse functions in the scrub role. Students will build on nursing knowledge of anatomy, physiology, and disease processes to deepen their understanding of surgical procedures. The core concepts of infection control, asepsis, maintenance of a safe and supportive intraoperative environment for patients and team members will be applied. The student will develop skills to operate surgical instrumentation, equipment and supplies for surgical procedures. The on-site utilization of simulation and in-class activities are key components of this course. Students will complete clinical hours within the perioperative setting.

Credit allocation 4 credits (2-didactic; 2-clinical) **Prerequisites:** NRSG 460, 461, 462

Objectives:

At the end of this course, the student will be able to:

1. Demonstrate the scrub nurse's role in setting up, maintaining, and appropriately tearing down a sterile field.
2. Utilize instrument, supplies, and equipment according to recommended practices for a variety of surgical procedures.
3. Manage the sterile environment to ensure safe, quality care in all surgical procedures.
4. Build working relationships that support open communication, advocacy, and teamwork within the intraoperative environment.
5. Analyze conflict that may exist between patient rights, organizational responsibility, and team function as it relates to professional, ethical care.
6. Use current and emerging technologies to optimize safety, cost effectiveness, and health outcomes.

NRSG 464 –The Circulating Role of the Perioperative Nurse

Course Description

This course builds on the perioperative patient care concepts presented in prerequisite courses. The student will learn the interprofessional perioperative role of the circulating nurse using the concepts of infection control, safety, interprofessional teamwork, communication, and patient focused care. Competencies of the circulating perioperative nurse will include patient assessment, monitoring, and risk management strategies. The student will also participate in the planning and preparation of the perioperative environment. The role of the circulating nurse in patient and family support, education and advocacy will also be presented. Critical clinical decision-making frameworks that guide practice will be reviewed and applied to the circulating role. The student will be able to use mock procedures and simulations to prepare for the role of the circulating nurse and will participate in all aspects of the perioperative process. Students will complete clinical hours within the perioperative setting.

Credit allocation 2 credits (1-didactic; 1-clinical) **Prerequisites:** NRSG 460, 461, 462 & 463

Objectives:

At the end of this course the student will be able to:

1. Evaluate the circulating nurse's responsibility regarding aseptic practice, infection control, and safety.
2. Demonstrate the circulating nurse's role in coordination and monitoring of activities throughout the perioperative continuum.
3. Integrate appropriate nursing diagnoses and interventions into care to assist surgical patients in attaining, maintaining, and regaining optimum wellness.
4. Utilize evidence-based standards to improve patient outcomes within the perioperative setting.
5. Examine the concepts of dignity, worth and uniqueness when caring and advocating for individuals, families, and groups.
6. Employ best practice when documenting in and using the electronic health record.

NRSG 465 – The Management Role of the Perioperative Nurse

Course Description

This course incorporates the perioperative patient care concepts presented in all prerequisite courses. The student will synthesize previous knowledge, clinical experiences, and best practice in the management of patient care. The student will explore ethical dilemmas, informatics, quality improvement, team building, organizational conflicts, and patient and family support. The principles of evidence-based practice will be applied to the role of the perioperative nurse when working as the manager of care.

Credit allocation 1 credit (didactic only) **Prerequisites** NRSG 460, 461, 462 & 463

Objectives:

At the end of this course the student will be able to:

1. Evaluate personal and professional perspectives of self and others in relationship to ethical decision-making.
2. Compare and contrast ethical frameworks and leadership theories that influence decision-making when acting as a manager of care.
3. Correlate current literature with the development of research questions aimed at improving nursing education, practice, leadership, and health outcomes.
4. Utilize evidence-based standards in the development of policy and strategic planning aimed at improving outcomes within the health care system.
5. Adapt communication practices to meet the unique and individualized needs of patients, families, and team members.



July 21, 2021

Dr. Lynnette Leeseberg-Stamler
Professor and Associate Dean for Academic Programs
UNMC College of Nursing

Dear. Dr. Leeseberg-Stamler,

This letter is being sent to support the undergraduate certificate in Perioperative Nursing program at UNMC. As we have previously discussed, there is a need for perioperative nurses not only at Nebraska Medicine but across the state. This certificate program will certainly assist us in filling that need!

If this can all come together by January 2022, that would be ideal, but understand that the program might not be ready to start until summer 2022.

Thank you for collaborating with us!

Sincerely,

A handwritten signature in blue ink that reads 'Suzanne L. Nuss'.

Suzanne L. Nuss, MBA, PhD, RN, CENP
Chief Nursing Officer, Nebraska Medicine
Associate Dean for Nebraska Medicine Nursing, UNMC

SERIOUS MEDICINE. EXTRAORDINARY CARE.®



July 28, 2021

Lynette Leeseberg Stamler, PhD
Professor and Associate Dean for Academic Programs
College of Nursing
University of Nebraska Medical Center
985330 Nebraska Medical Center
Omaha, NE

Dear Dr. Leeseberg Stamler,

Please accept this as a letter of support for the initiation of an undergraduate certificate in Perioperative Nursing. This area of specialty nursing practice has a critical need for additional numbers of the nursing workforce, and it has a very long on-boarding requirement due to the complexities and variations in the practice setting. This program could make a significant impact in increasing the level of interest in this area of nursing practice as well as assist employers to get new employees to a point of clinical competence much sooner.

Bryan would be very happy to hire graduates who have completed such a course.

Respectfully,

A handwritten signature in cursive script that reads "Lisa Vail".

Lisa Vail, RN, DNP, NEA-BC
Vice President Patient Care Services/ CNO
Bryan Medical Center

**TABLE 1: PROJECTED EXPENSES - NEW INSTRUCTIONAL PROGRAM
UNMC Perioperative Nursing Undergraduate Certificate**

	(FY2022) Year 1		(FY2023) Year 2		(FY2024) Year 3		(FY2025) Year 4		(FY2026) Year 5		Total Cost
	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	FTE	Cost	
Personnel											
Faculty ¹	2.1	\$69,912	2.1	\$72,010	2.1	\$74,171	2.1	\$76,396	2.1	\$78,688	\$371,177
Professional											
Graduate Assistants											
Support Staff ²	0.4	\$18,824	0.4	\$19,373	0.4	\$19,921	0.4	\$20,469	0.4	\$21,018	\$99,605
Subtotal	2.5	\$88,736	2.5	\$91,383	2.5	\$94,092	2.5	\$96,865	2.5	\$99,706	\$470,782
Operating											
General Operating ³		\$4,104		\$3,957		\$4,798		\$5,355		\$5,594	\$23,808
Equipment ⁴		\$7,000		\$7,500		\$8,750		\$9,500		\$9,500	\$42,250
New or renovated space											
Library/Information Resources											
Other ⁵		\$6,000		\$3,000		\$1,000					\$10,000
Subtotal		\$17,104		\$14,457		\$14,548		\$14,855		\$15,094	\$76,058
Total Expenses		\$105,840		\$105,840		\$108,640		\$111,720		\$114,800	\$546,840

¹ Undergraduate faculty FTE supports teaching and clinical supervision for one semester. 1.5 FTE additional instructors and 0.5 FTE additional assistant professor are requested to support the program. Salary is increased by 3% annually and benefits are calculated at 26.1%.

² 0.15 FTE student services advisor will provide program information and student recruitment. 0.25 FTE learning resource center tech will provide support for the simulation lab. Salary is increased by 3% annually and benefits are calculated at 30.3%.

³ General operating expenses include simulation lab supplies; communications distance education delivery; and equipment depreciation, repair, and maintenance.

⁴ Simulation lab equipment.

⁵ Other expenses include faculty recruitment costs and new program marketing and student recruitment expenses.

**TABLE 2: PROJECTED REVENUES - NEW INSTRUCTIONAL PROGRAM
UNMC Perioperative Nursing Undergraduate Certificate**

	(FY2022) Year 1		(FY2023) Year 2		(FY2024) Year 3		(FY2025) Year 4		(FY2026) Year 5		Total
	FTE	Revenue	FTE	Revenue	FTE	Revenue	FTE	Revenue	FTE	Revenue	
Reallocation of Existing Funds											
Required New Public Funds											
1. State Funds											
2. Local Tax Funds (community colleges)											
Tuition and Fees ¹		\$105,840		\$105,840		\$108,640		\$111,720		\$114,800	\$546,840
Other Funding											
Total Revenue		\$105,840		\$105,840		\$108,640		\$111,720		\$114,800	\$546,840

¹ Tuition revenue is based on 14 total credit hours for the program; no student fees will be assessed. Assume all students are resident students. FY 2021-22 undergraduate tuition is: \$378 per credit hour for residents. No tuition increase in Years 1 and 2; 2.75% tuition increase annually beginning in Year 3.

Year 1 & Year 2 Tuition Revenue: 20 students X 14 credit hours X \$378 per credit hour = \$105,840; Year 3 Tuition Revenue: 20 students X 14 credit hours X \$388 per credit hour = \$108,640; Year 4 Tuition Revenue: 20 students X 14 credit hours X \$399 per credit hour = \$111,720; Year 5 Tuition Revenue: 20 students X 14 credit hours X \$410 per credit hour = \$114,800.