

PCAM N101 Course Proposal Motion

proposed by System Affairs Committee

to the Palmetto College Faculty Senate on 27 September 2019

ruled non-substantive; motion eligible for voting and approved on 27 September 2019

Course Proposal: PCAM N101

July 22, 2019

Requested by Chris Nesmith, Salkehatchie Campus Dean; Bryan Love, Salkehatchie Interim Associate Dean for Academic Affairs; and April Cone, Salkehatchie Nursing Program Coordinator

USC Salkehatchie requests the creation of a new course, **PCAM N101**, to fill a key role in its new Nursing Program partnership with USC Beaufort. The USC Beaufort Nursing Program requires the following course from the USC Beaufort course catalog:

NURS B105 – CONCEPTS, COMMUNICATIONS, AND CALCULATIONS (2). (Prerequisite: Declared Pre-Nursing Concentration or admittance into the Nursing Honors Program) This course introduces concepts essential to basic nursing practice. Nursing’s historical evolution as a profession through theory, concept and role development will be presented. An overview of medical terminology and medication calculations is provided as rudimentary skills that promote effective interpretation and communication within the health disciplines, and the mathematical calculations required to administer pharmaceutical agents.

This course is typically taken the second semester of the freshman year and it is required before a student is accepted into the upper division of the nursing program. In its MOU with USC Beaufort (and in keeping with its commitment to its students), USC Salkehatchie has assured it will offer all required lower-level nursing courses as Salkehatchie classes. Unfortunately, there is no USC Columbia equivalent for the USC Beaufort NURS B105. Hence, it is currently impossible for Salkehatchie nursing students to earn those required credits in a Salkehatchie class. After much study and consultation, we deemed the most appropriate move is to create a PCAM course to fill the role of NURS B105 on the Salkehatchie campus. *This is a vital, immediate need.*

The proposed course is:

PCAM N101—Nursing Concepts, Communications, and Calculations

2 credit hours

Prerequisite: Declared Nursing Major on the Salkehatchie Campus

Course Description: This course introduces concepts essential to basic nursing practice. Nursing’s historical evolution as a profession through theory, concept and role development will be presented. An overview of medical terminology and medication calculations is provided as rudimentary skills that promote effective interpretation and communication within the health disciplines, and the mathematical calculations required to administer pharmaceutical agents.

Please see sample syllabus.

This course should have no impact on offerings on any other campus. PCAM N101 will be restricted to USC Salkehatchie lower-division nursing students. If appropriate, a prerequisite of acceptance into the Salkehatchie pre-nursing program should be included (i.e. something along the lines of what is suggested above).

Immediate plans are for face-to-face offerings, but eventually we expect the course may be offered in face-to-face, hybrid, and online formats.

**University of South Carolina (USC) Salkehatchie
Spring 2020**

Course Number: PCAM N101

CRN/Section: 29825 (5A1 - Allendale)

Course Name: Concepts, Communication, and Calculations

Course Schedule & Location:

Tues. 9:00 am - 10:50 am OCB (Spruce Hall) 205

Faculty:

April Cone, DNP, MSN, RN

acone@email.sc.edu

Allendale Office: OCB 213

(803) 812-7429

Walterboro Office: WSB 119

(843) 782-8670

Office Hours: After class or by appointment

Course Description and Prerequisites

Credits: 2

Prerequisites: Declared pre-nursing major

PCAM N101: Concepts, Communication, and Calculations

2 credit hours

This course introduces concepts essential to basic nursing practice. Nursing's historical evolution as a profession through theory, concept and role development will be presented. An overview of medical terminology and medical calculations is provided as rudimentary skills that promote effective interpretation and communication within the health disciplines, and the mathematical calculations required to administer pharmaceutical agents.

Required textbooks:

Open access resources will be posted in Blackboard as needed.

Course Objectives:

Students will learn the history of the development of nursing into a profession. Concepts will include role development, common language of medical terminology, and the safety skills associated with calculation of medication dosages for administration.

Student Learning Objectives:

Students who successfully complete this course will achieve the following outcomes:

1. Translate nursing's history and definition through to its evolution into a contemporary science-driven profession.

2. Relate introductory theories and concepts germane to nursing history and the current definition and scope of nursing practice.
3. Develop mathematical skills required as a precursor to safe and effective medication administration.
4. Acquire and use medical terminology needed to effectively read medical literature and communicate with members of the healthcare team.

Methods of Instruction:

The methods of instruction for this course are face-to-face lecture, readings, discussion boards, small group activities, case studies, Blackboard technologies, multimedia presentations, and guest speaker discussions.

Methods of Evaluation and Grading:

<u>Assessment</u>	<u>% of grade</u>
Class participation	10%
Quizzes	40%
Midterm Examination	25%
Final	25%

Class participation: (10%)

Class participation will be based upon individual participation in small group activities, case studies, and class discussion boards.

Quizzes: (40%)

There will be a variety of quizzes covering medical terminology, medication calculation, and application of learned concepts.

Midterm Examination: (25%)

There will be a midterm examination covering course material from weeks 1 – 7. The format will be multiple choice, fill in the blank, and matching questions. The exam will consist of 50 questions.

Final Examination: (25%)

There will be a final examination covering course material from weeks 8-16. The format will be multiple choice, fill in the blank, and matching questions. The exam will consist of 50 questions

Grading Scale:

The BSN Program grading scale exceeds University requirements based on the standards for BSN majors. Course grades will be calculated by the weighted sum of all assignments. Grades are assigned according to the schedule below.

Above Average	Average	Below Average (not passing)
A = 92 – 100%	C+ = 81-82%	D+ = 73-74%
B+ = 90-91%	C = 75-80%	D = 70-72%
B = 83-89%		F = 69% & below

Course Modification:

Faculty reserves the right to modify the syllabus, including course policies, class scheduling, and course assignments or requirements in order to better meet course objectives. Notification to students will be made orally in class and/or in writing through official USCB communication systems (USCB email and Blackboard) when such changes are implemented.

Disabilities:

Students who have a documented disability or suspect they might, and have not yet received accommodations, should schedule an appointment to discuss their needs.

Technology System Requirements:

This course requires reliable access to a high-speed internet connection and dedicated access to a computer and printer.

Technical Support:

USC Salkehatchie offers computer stations for student use. In addition, USC Salkehatchie's IT Help Desk can be contacted via email at sadesk@email.sc.edu or via phone at (803) 812-7413.

Inclement Weather:

In case of inclement weather or other extreme circumstances, all announcements about USC Salkehatchie openings or closing will be communicated officially through the University's main web page https://sc.edu/about/system_and_campuses/salkehatchie/index.php Check Blackboard for individual course changes due to official delays.

Attendance Policy:

Absence from more than 10 percent of the scheduled class sessions, whether excused or unexcused, is excessive and the instructor may choose to exact a grade penalty for such absences (*USC Salkehatchie Bulletin*).

Writing Requirements:

Effective written communication skills are essential to the role of the professional. All written assignments are expected to be submitted with correct spelling, grammar and punctuation, logical flow of ideas and concepts, adherence to APA writing guidance, free of acts of plagiarism, and submitted by due date. Professional written communication includes email correspondence with classmates and faculty and posts in Blackboard.

USC Honor Code:

All USC students are responsible for adhering the [Carolinian Creed](#)

Honor Code violations include:

Plagiarism: “Use of work or ideas without proper acknowledgement of source.”

Cheating: “Improper collaboration or unauthorized assistance on connection with any academic work.”

Falsification: “Misrepresenting or misleading others with respect to academic work.”

Complicity: “Assisting or attempting to assist another in any violation of the Honor Code.”

For more detailed information, please review the [USC Policy on Academic Responsibility – The Honor Code](#)

Any violation of the USC Honor Code will result in penalties ranging from a 0 (zero) for an assignment to dismissal from the program, depending on the severity of the violation.

[Office of Academic Integrity](#) provides resources to faculty and students for combating and preventing cheating, plagiarism, falsification, and complicity. Be aware that USC faculty are obligated to report any violations of the Honor Code to the Office of Academic Integrity.

Course Outline

Week	Classroom Activity/Topic	Reading/Class Activities	Outside Class Assignments
Week 1	<p>Module 1: Weeks 1-5 Introduction to the Art and Science of Nursing and Nursing Theory</p> <p>Week 1:</p> <ul style="list-style-type: none"> • Introduction/ Overview • Review Syllabus • Why do you want to be a nurse? 	<p>Read the following:</p> <p>ANA What is nursing? https://www.nursingworld.org/practice-policy/workforce/what-is-nursing/</p> <p>Watch the following short videos: JNJ: Why be a nurse? (2 videos: approximately 4 minutes) https://nursing.jnj.com/why-be-a-nurse</p> <p>In-class: Watch part of the movie "The American Nurse"</p>	<p>Interview a nurse. Why did this person want to be a nurse and how is this different from medicine? Due week 2 beginning of class.</p>
Week 2	<p>Week 2:</p> <ul style="list-style-type: none"> • Historical evolution of nursing 	<p>Review the following links:</p> <p>Nursing In American History: https://www.nursing.upenn.edu/nhhc/american-nursing-an-introduction-to-the-past/</p> <p>Nightingale Notes on Nursing: http://digital.library.upenn.edu/women/nightingale/nursing/nursing.html</p>	<p>Nurse from History: Sign up for historical nurse presentation group in the Blackboard wiki and present in class next week. See online grading rubric.</p>
Week 3	<p>Week 3</p> <ul style="list-style-type: none"> • Theoretical Foundations of Nursing Practice • Nursing as an art • Nursing as a science 	<p>In class: In class discussion of presentations of nurse from history</p> <p>Lecture: Brief lecture on art and science of nursing and nursing theory</p>	
Week 4	<p>Week 4</p> <ul style="list-style-type: none"> • Nursing as a profession <ul style="list-style-type: none"> ○ Scope of practice 	<p>Read: ANA Scope of Practice</p>	<p>Review case study for in-class discussion</p>

	<ul style="list-style-type: none"> ○ Ethics <ul style="list-style-type: none"> ▪ Critical thinking, autonomy, teamwork 	https://www.nursingworld.org/practice-policy/scope-of-practice/ In class: Case study discussion	
Week 5	Week 5 <ul style="list-style-type: none"> ● Abbreviations <ul style="list-style-type: none"> ○ Approved ○ Do not use 	Read posted: <ul style="list-style-type: none"> approved abbreviations list Do Not Use list abbreviations list JCH guide to medical abbreviations Quiz #1: abbreviations In class abbreviations game: bingo	Be prepared for In-class quiz on abbreviations
Week 6	Module 2: Weeks 6-10 Introduction to Medical Terminology and Patient and Health Team Communications Week 6: <ul style="list-style-type: none"> ● In class worksheet ● Basics: root word, prefix, suffix ● Odds & Ends <ul style="list-style-type: none"> ○ Colors ○ Directions ○ Tumor talk ● Systems <ul style="list-style-type: none"> ○ Circulatory ○ Nervous ○ Digestive ○ Respiratory ○ Urinary ○ Reproductive ○ Muscles and bones 	Work through the following medical terminology course before class. You do not need to pay for or print the certificate. Des Moines University online medical terminology course https:// u/medterms//www.dmu.edu Quiz #2: Medical Terminology Part 1 Basics, odds and ends In-class activity: online jeopardy game with medical terms and crossword puzzle	Be prepared for In-class quiz on medical terminology

	<ul style="list-style-type: none"> ○ Cancer ● Medicine cabinet 		
Week 7	Midterm test preparation review	<p>Review Medical Terminology lessons</p> <p>Quiz #3: Medical Terminology Part 2 Systems</p>	Be prepared for in class quiz on medical terminology
Week 8	Week 8: Midterm	Review material from weeks 1-6 for midterm examination	Prepare for Midterm exam in class
Week 9	<p>Week 9</p> <ul style="list-style-type: none"> ● Midterm test results review ● Understanding medical terminology to provide safe effective communication ● Applying medical terminology when reading medical literature ● Safety: Joint commission, IOM error report ● Evidenced based practice: Journal <ul style="list-style-type: none"> ○ Scientific process ○ Nursing process 	<p>Read:</p> <p>What is evidence-based practice? From Academy of Medical Surgical Nurses https://www.amsn.org/practice-resources/evidence-based-practice</p> <p>In class:</p> <p>Small group activity on EBP and safety Translate medical note from an audio clip (in class activity) Checked for spelling and correct translation.</p>	
Week 10	<p>Week 10</p> <ul style="list-style-type: none"> ● Patient centered use of medical terminology <ul style="list-style-type: none"> ○ Therapeutic communication <ul style="list-style-type: none"> ▪ TC Assignment video with handout 	<p>In class:</p> <p>Small group activity, TC video, handout, video analysis</p> <p>Analyzed a video of TC, played the "telephone game" with verbal orders.</p>	Home assignment: Health literacy assessment on someone at home. Bring to class on week 11.

	<ul style="list-style-type: none"> ▪ Health literacy levels, assessment 		
Week 11	<p>Module 3: Weeks 11-15 Introduction to Medical Math and Safety</p> <p>Week 11</p> <ul style="list-style-type: none"> • Basic math review: <ul style="list-style-type: none"> ○ Roman numerals ○ Fractions ○ Decimals ○ Formula 	<p>In class:</p> <p>Small group work on math problems (review of take-home assessment)</p> <p>Play relay race with math problems</p>	<p>Pre-class:</p> <p>Worksheet math self-assessment. Turn in beginning of class week 11. Grade together in class.</p>
Week 12	<p>Week 12</p> <ul style="list-style-type: none"> • Systems of measurement <ul style="list-style-type: none"> ○ Metric ○ apothecary ○ Household ○ Conversion between systems ○ Weight conversion ○ Military time 	<p>In class:</p> <p>Comparison of teaspoons, conversion problems, military time clock</p>	<p>Pre-class work:</p> <p>Review posted handouts on blackboard</p>
Week 13	<p>Week 13</p> <ul style="list-style-type: none"> • Medication calculation examples <ul style="list-style-type: none"> ○ Oral medications, pills ○ Liquid medications, poured ○ What is a syringe measurement? 	<p>In class:</p> <ul style="list-style-type: none"> • Liquid medication cups • Syringe coloring papers • Medication calculation word problem for weight based and for number of pills 	<p>Pre-class work:</p> <p>Review posted handouts on blackboard</p>

	<ul style="list-style-type: none"> ○ Weight-based calculations 		
Week 14	<p>Week 14 Safety related to medication calculation</p> <ul style="list-style-type: none"> • 5 rights • Translate med directions based on abbreviation list 	<p>Read: Read posted handouts in Blackboard about rights of medication administration.</p> <p>In class: Small group activity. Read and translate medication orders to explain to a patient. Orders will include abbreviation and medical language</p> <p>Quiz 4: Math</p>	
Week 15	Week 15 review for final	Bring questions to class to review for final	
Week 16	Final examination	Per exam schedule	