



Curriculum Committee Approved on March 17, 2020

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**MEMORANDUM**

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TO: Faculty Senate

FROM: Susan Ross

DATE: March 26, 2020

SUBJECT: Curriculum Proposal #19-20-19

The goal of the LPN to ASN program is to expand the LPN's knowledge and skills to that of an RN and to prepare them for success on the NCLEX-RN licensing exam. Minimal changes have occurred to the curriculum since its implementation in 2009. Changes to the curriculum are proposed to bridge the gap between LPN to RN education based on feedback from students, employers, and faculty to improve the program by streamlining course content and providing additional clinical time to allow students to assimilate into their expanded role as an RN.

cc: Richard Harvey  
Cheri Gonzalez  
Laura Ransom  
Lori Schoonmaker  
Laura Clayton  
Debra Hoag  
Cecilia Cotton-Elam

**CURRICULUM PROPOSAL** (Submit one hard copy and an electronic copy to the Associate Provost by the second Tuesday of the month.)

<b>Proposal Number:</b>	<u>19-20-19</u>
<b>School/Department/Program:</b>	<u>School of Nursing/Associate of Science in Nursing Program</u>
<b>Preparer/Contact Person:</b>	<u>Dr. L. Clayton, Dr. D. Hoag and Prof. C. Cotton Elam</u>
<b>Telephone Extension:</b>	<u>304 367 4904</u>
<b>Date Originally Submitted:</b>	<u>February 2020</u>
<b>Revision (Indicate date and label it Revision #1, #2, etc.):</b>	<u>Revision # 2</u>
<b>Implementation Date Requested:</b>	<u>Monday August 17, 2020</u>

**I. PROPOSAL. Write a brief abstract, not exceeding 100 words, which describes the overall content of the proposal.**

The goal of the LPN to ASN program is to expand the LPN's knowledge and skills to that of an RN and to prepare them for success on the NCLEX-RN licensing exam. Minimal changes have occurred to the curriculum since its implementation in 2009. Changes to the curriculum are proposed to bridge the gap between LPN to RN education based on feedback from students, employers, and faculty to improve the program by streamlining course content and providing additional clinical time to allow students to assimilate into their expanded role as an RN.

**II. DESCRIPTION OF THE PROPOSAL. Provide a response for each letter, A-H, and for each Roman Numeral II-V. If any section does not apply to your proposal, reply N/A.**

**A. Deletion of course(s) or credit(s) from program(s):**

- NURS 1202 Assessment Across the Lifespan I (1) credit
- NURS 1203 Transition for Licensed Practical Nurses (1) credit.
- NURS 1204 Pharmacology Across the Lifespan I (1) credit.
- NURS 2302 Assessment Across the Lifespan II (1) credit.
- NURS 2303 Pharmacology Across the Lifespan II (1) credit.
- NURS 2404 Pharmacology Across the Lifespan III (1) credit.

In the proposed revisions:

- NURS 1202 (1 credit) and 2302 (1 credit) will be combined into a new 2 credit course (NURS 1206: Assessment Across the Lifespan).

- NURS 1204 (1 credit), NURS 2303 (1 credit) and NURS 2404 (1 credit) will be combined into a new 3 credit course (NURS 2304: Pharmacology Across the Lifespan).
- Content in NURS 1203 (Transition for Licensed Practical Nurse, 1 credit) has been repeated and expanded upon in NURS 2402 (Role Transition Professionalism and Management) so the course will be deleted. The additional one credit will be added to NURS 2403 (Capstone Clinical Experience), making this a 4 cr course.

**Total hours** 6 **deleted.**

**B. Addition of course(s) or credit(s) from \_\_\_\_\_ program(s):**

NURS 1206: Assessment Across the Lifespan (2) credits  
 NURS 2304: Pharmacology Across the Lifespan (3) credits  
 NURS 2403: Capstone Clinical Experience (4 cr; this course is expanded from 3 cr to 4 cr)

**Total hours** 6 **added.**

**C. Provision for interchangeable use of course(s) with program(s):** N/A

**D. Revision of course content. Include, as an appendix, a revised course description, written in complete sentences, suitable for use in the university catalog.**

See appendix C for course descriptions for the LPN to ASN Program.

**E. Other changes to existing courses such as change to title, course number, and elective or required status.** n/a

Existing Courses	Title Change	Number Change	Credit Change	Elective/Required
NURS 2403: Capstone Clinical Experience	N/A	N/A	From 3 to 4 credits	Required
NURS 2402: Role Transition, Professionalism, & Management	NURS 2405: LPN-RN Role Transition	NURS 2405	N/A	Required

**F. Creation of new course(s). For each new course**

- 1. Designate the course number, title, units of credit, prerequisites (if any), ownership (FSU or shared) and specify its status as an elective or required course. If you are creating a shared course, attach a memo from**

**the Deans of the affected Schools explaining the rationale for the course being shared.**

- NURS 1206: Assessment Across the Lifespan (2) credits PR: Meets pre-requisite admission requirements to the program. Co-req: all first semester LPN to ASN courses. Required.
- NURS 2304: Pharmacology Across the Lifespan (3) credits PR: Successful completion of NURS 1200, 1201 and 1206. Co-req: NURS 2301. Required.

**2. Include, as an appendix, a course description, written in complete sentences, suitable for use in the college catalog.**

- See Appendix A – LPN to ASN Current Program
- See Appendix B – LPN to ASN Proposed Program
- See Appendix C – Course Descriptions

**3. Include, as an appendix, a detailed course outline consisting of at least two levels.**

- See Appendix D – LPN to ASN Progression Plan: Current and Proposed
- See Appendix E - NURS 1206: Assessment Across the Lifespan (2 credits)
- See Appendix F - NURS 2304: Pharmacology Across the Lifespan (3 credits)
- See Appendix G - NURS 2403: Capstone Clinical Experience (4 credits)

**4. In order to meet the requirements as outlined in Goal One of the Strategic Plan, please include Outcome Competencies and Methods of Assessment as an appendix. Examples are available upon request from the Chair of the Curriculum Committee.**

- See Appendix E - NURS 1206: Assessment Across the Lifespan (2 credits)
- See Appendix F - NURS 2304: Pharmacology Across the Lifespan (3 credits)
- See Appendix G - NURS 2403: Capstone Clinical Experience (4 credits)

**G. Attach an itemized summary of the present program(s) affected, if any, and of the proposed change(s).**

This program does not impact any other program and is limited to the LPN to ASN program only.

**H. Describe how this proposal affects the hours needed to complete this program. Specifically, what is the net gain or loss in hours? Use the format for Current and Proposed Programs in Appendix A, B.**

There is no net gain or loss of hours needed to complete the program.

**III. RATIONALE FOR THE PROPOSAL.**

**A. Quantitative Assessment: Indicate the types of assessment data, i.e., surveys, interviews, capstone courses, projects, licensure exams, nationally-normed tests, locally developed measurements, accreditation reports, etc., that were collected and analyzed to determine that curricular changes were warranted. Quantitative data is preferred.**

- See Appendix E - NURS 1206: Assessment Across the Lifespan (2 credits)
- See Appendix F - NURS 2304: Pharmacology Across the Lifespan (3 credits)
- See Appendix G - NURS 2403: Capstone Clinical Experience (4 credits)

**B. Qualitative Assessment: Based upon the assessment data above, indicate why a curricular change is justified. Indicate the expected results of the change. Be sure to include an estimate of the increased cost, or reduction in cost of implementation. FOR EXAMPLE: Will new faculty, facilities, equipment, or library materials be required?**

- See Appendix E - NURS 1206: Assessment Across the Lifespan (2 credits)
- See Appendix F - NURS 2304: Pharmacology Across the Lifespan (3 credits)
- See Appendix G - NURS 2403: Capstone Clinical Experience (4 credits)

**IV. Should this proposal affect any course or program in another school, a memo must be sent to the Dean of each school impacted and a copy of the memo(s) must be included with this proposal. In addition, the Deans of the affected schools must sign below to indicate their notification of this proposal.**

By signing here, you are indicating your college's/school's notification of this proposal.

<b>College/School</b>	<b>Dean</b>	<b>Signature</b>
School of Nursing	Dr. Laura Clayton	

**V. Should this proposal affect any course to be added or deleted from the general studies requirements, a memo from the chair of the General Studies Committee indicating approval of the change must be included with this proposal. N/A**

**VI. ADDITIONAL COMMENTS.**

## Appendix A

### LPN to ASN Current Program

**Pre-Requisite Courses:** Completed prior to Fall Semester enrollment.

#### **ASN General Studies and Support Courses**

Course	Number	Title	Credits
ENGL	1101	Written English I (Outcome 3; Written Communication)	3
ENGL	1102	Written English II (Outcome 1; Written Communication)	3
PSYC	1101	Intro to Psychology (Outcome 14; Social Science)	3
*NUTR	1110	Nutrition (Fitness and Wellness)	3
*BIOL	1180 & 1181	Anatomy and Physiology with Lab (Outcome 15; Natural Science)	4
BIOL	2205	Technical Microbiology (Outcome 15; Natural Science)	3
<b>TOTAL</b>			<b>19</b>

\*NUTR 1110 and BIOL 1180 & 1181 can be taken for credit or by exam

<b>Required Major Courses</b>			<b>HRS</b>
NURS	1200	Nursing Care Across the Lifespan I	7
NURS	1201	Mental Health Across the Lifespan	3
NURS	1202	Assessment Across the Lifespan I	1
NURS	1203	Transition for Licensed Practical Nurses	1
NURS	1204	Pharmacology Across the Lifespan I	1
NURS	2301	Nursing Care Across the Lifespan II	7
NURS	2302	Assessment Across the Lifespan II	1
NURS	2303	Pharmacology Across the Lifespan II	1
NURS	2401	Nursing Care Across the Lifespan III	5
NURS	2402	Role Transition, Professionalism, and Management	3
NURS	2403	Capstone Clinical Experience	3
NURS	2404	Pharmacology Across the Lifespan III	1
<b>TOTAL Required Major Courses</b>			<b>34</b>
*Students receive credit for NURS 1101 Fundamentals of Nursing with their LPN License, Articulation Credit			7
<b>TOTAL REQUIRED NURSING HOURS</b>			<b>41</b>
Minor Requirements/Electives (if minor is required)			0 NA
<b>TOTAL HOURS FOR MAJOR (and minor if required)</b>			<b>41</b>
<b>TOTAL GENERAL STUDIES HOURS</b>			<b>19</b>
<b>TOTAL FREE ELECTIVES</b>			<b>0</b>
<b>TOTAL HOURS</b>			<b>60</b>

## Appendix B

### LPN to ASN Proposed Program

**Pre-Requisite Courses:** Completed prior to enrollment in the LPN to ASN program

**ASN General Studies and Support Courses**

Course	Number	Title	Credits
ENGL	1101	Written English I (Outcome 3; Written Communication)	3
ENGL	1102	Written English II (Outcome 1; Written Communication)	3
PSYC	1101	Intro to Psychology (Outcome 14: Social Science)	3
*NUTR	1110	Nutrition (Fitness & Wellness)	3
*BIOL	1180 & 1181	Anatomy and Physiology with Lab (Outcome 15; Natural Science)	4
BIOL	2205	Technical Microbiology (Outcome 15; Natural Science)	3
<b>TOTAL</b>			<b>19</b>

\*NUTR 1110 and BIOL 1180 & 1181 can be taken by credit or by exam

**Required Major Courses**

**HRS**

NURS	1200	Nursing Care Across the Lifespan I	7
NURS	1201	Mental Health Nursing Across the Lifespan	3
NURS	1206	Assessment Across the Lifespan	2
NURS	2301	Nursing Care Across the Lifespan II	7
NURS	2304	Pharmacology Across the Lifespan	3
NURS	2401	Nursing Care Across the Lifespan III	5
NURS	2405	LPN-RN Role Transition	3
NURS	2403	Capstone Clinical Experience	4

**34**

**TOTAL Required Major Courses**

\*Students receive credit for NURS 1101 Fundamentals of Nursing with their LPN License, Articulation Credit

7

**TOTAL REQUIRED NURSING HOURS**

**41**

Minor Requirements/Electives (if minor is required)

0 NA

**TOTAL HOURS FOR MAJOR (and minor if required)**

**41**

**TOTAL GENERAL STUDIES HOURS**

**19**

**TOTAL FREE ELECTIVES**

**0**

**TOTAL HOURS**

**60**



## Appendix C

### LPN to ASN Course Descriptions

#### **NURS 1200 - Nursing Care Across the Lifespan I (7 hours; 5 hours theory and 2 hours clinical) Required**

This course focuses on building the LPN to ASN student knowledge regarding spirit of inquiry, nursing judgment, professional identify and human flourishing in the nurse's role caring for patients across the lifespan. Emphasis is placed on basic nursing concepts, fluid and electrolytes, normal pregnancy and diseases affecting the reproductive, immune, gastrointestinal, integumentary and renal systems. PR: Admission to the LPN to ASN program. Co-req: NURS 1201 and 1206.

#### **NURS 1201 - Mental Health Nursing Across the Lifespan (3 hours; 2 hours theory and 1 hour clinical) Required**

This course focuses on common mental health problems of patients across the lifespan. Emphasis is placed on developing the spirit of inquiry, nursing judgment, professional identify and human flourishing in the nurse's role caring for patients with mental health concerns across the lifespan. This course stresses self-awareness, therapeutic communication, intraprofessional and interpersonal collaborative relationships. PR: Admission to the LPN to ASN program. Co-req: NURS 1201 and 1206.

#### **NURS 1206 - Assessment Across the Lifespan (2 hours; 2 hours theory) Required**

This course focuses on expanding the principles and skills underlying assessment of the health status of patients across the lifespan. Emphasis is placed on interviewing skills, health histories, and the physical and psychosocial findings along with understanding disease prevention and health promotion strategies. PR: Admission to the LPN to ASN program. Co-req: NURS 1200 and 1201.

#### **NURS 2301 - Nursing Care Across the Lifespan II (7 hours; 5 hours theory and 2 hours clinical) Required**

This course focuses on building the LPN to ASN student knowledge regarding spirit of inquiry, nursing judgment, professional identify and human flourishing in the nurse's role caring for patients across the lifespan. Emphasis is placed on hematologic, cardiovascular, respiratory, endocrine and neurologic systems. PR: NURS 1200, NURS 1201, and NURS 1206. Co-req: NURS 2303, NURS 2304 and BIOL 2205.

#### **NURS 2304 - Pharmacology Across the Lifespan (3 hours; 3 hours theory) Required**

This course focuses on the clinical application within the context of the provision of nursing care to patients across the lifespan based on consideration given to physiological, psychological, cultural, spiritual and genetic needs of the patient. Explores indications, modes of action, effects,

contraindications, interactions, and outcomes of selected medications. Specific nursing responsibilities related to medication administration and drug calculations are emphasized. PR: Successful completion of NURS 1200, 1201 and 1206. Co-req: NURS 2301 and BIOL 2205.

**NURS 2401 - Nursing Care Across the Lifespan III (5 hours; 5 hours theory) Required**

This course focuses on building the LPN to ASN student knowledge regarding spirit of inquiry, nursing judgment, professional identify and human flourishing in the nurse's role caring for patients across the lifespan. Emphasis is placed on nursing care of patients with complex and critical health problems. PR: Successful completion of NURS 2301, 2302 and BIOL 2205. Co-req: NURS 2402 and 2403.

**NURS 2403 - Capstone Clinical Experience (4 hours; 1hour theory; 3 hours clinical) Required**

This course provides a culminating experience for the LPN to ASN student by providing opportunities for them to assume the role of a registered nurse through provision of high-quality patient-centered care, apply leadership concepts and skills in decision making, practice interprofessional and intraprofessional collaboration, and direct management of care. Co-req: NURS 2401 and 2402. This course will be taken in the student's last semester.

**NURS 2405 – LPN to RN Role Transition (3 hours; 3 hours theory) Required**

This course focuses on the role transition from an LPN to a RN. Emphasis is placed on current issues in health care, nursing leadership and management, professional practice issues for registered nurses, and transition into the workplace, and preparing for the NCLEX-RN licensure exam. PR: Successful completion of NURS 2301, 2302 and BIOL 2205. Co-req: NURS 2401 and 2403.

## APPENDIX D

### LPN to ASN Progression Plan *Current Progression Plan*

<u>Course</u>	<u>Course #</u>	<u>Semester I</u>	<u>Credit Hrs</u>
NURS	1200	Nursing Care Across the Lifespan I	7
NURS	1201	Mental Health Across the Lifespan	3
NURS	1202	Assessment Across the Lifespan I	1
NURS	1203	Transition for Licensed Practical Nurses	1
NURS	1204	Pharmacology Across the Lifespan I	1
		<b>Total Credit Semester I</b>	<b>13</b>
<u>Course</u>	<u>Course #</u>	<u>Semester II</u>	<u>Credit Hrs</u>
NURS	2301	Nursing Care Across the Lifespan II	7
NURS	2302	Assessment Across the Lifespan II	1
NURS	2303	Pharmacology Across the Lifespan II	1
BIOL	2205	Microbiology	3
		<b>Total Credit Semester II</b>	<b>12</b>
<u>Course</u>	<u>Course #</u>	<u>Semester III</u>	<u>Credit Hrs</u>
NURS	2401	Nursing Care Across the Lifespan III	5
NURS	2402	Role Transition, Professionalism, and Management	3
NURS	2403	Capstone Clinical Experience	3 (90 hrs)
NURS	2404	Pharmacology Across the Lifespan III	1
		<b>Total Credit Semester III</b>	<b>12</b>

### *Proposed Progression Plan*

<u>Course</u>	<u>Course #</u>	<u>Semester I</u>	<u>Credit Hrs</u>
NURS	1200	Nursing Care Across the Lifespan I	7
NURS	1201	Mental Health Across the Lifespan	3
NURS	1206	Assessment Across the Lifespan	2
		<b>Total Credit Semester I</b>	<b>12</b>
<u>Course</u>	<u>Course #</u>	<u>Semester II</u>	<u>Credit Hrs</u>
NURS	2301	Nursing Care Across the Lifespan II	7
NURS	2304	Pharmacology Across the Lifespan	3
BIOL	2205	Microbiology	3
		<b>Total Credit Semester II</b>	<b>13</b>
<u>Course</u>	<u>Course #</u>	<u>Semester III</u>	<u>Credit Hrs</u>
NURS	2401	Nursing Care Across the Lifespan III	5
NURS	2403	Capstone Clinical Experience	4
NURS	2405	LPN-RN Role Transition	3
		<b>Total Credit Semester III</b>	<b>12</b>

## Appendix E

### NURS 1206 Assessment Across the Lifespan Course Outline and Methods of Assessment

**Course Description:** This course focuses on expanding the principles and skills underlying assessment of the health status of patients across the lifespan. Emphasis is placed on interviewing skills, health histories, and the physical and psychosocial findings along with understanding disease prevention and health promotion strategies. PR: Admission to the LPN to ASN program. Co-req: NURS 1200 and 1201.

#### Course Outcomes and Methods of Assessment

Course Outcomes	Methods of Assessment
Conduct a comprehensive health history to identify current and potential health problems and identify health promotion activities across the lifespan.	<ul style="list-style-type: none"><li>• Health history assignment</li><li>• Skill competency demonstration</li><li>• Exam</li><li>• Shadow Health assignment</li></ul>
Conduct comprehensive and focused assessments (physical, psychosocial, spiritual, developmental, socioeconomic, and environmental) of patients across the lifespan.	<ul style="list-style-type: none"><li>• Skill competency demonstration</li><li>• Exams</li><li>• Shadow Health assignment</li></ul>
Differentiate between expected and unexpected assessment findings across the lifespan.	<ul style="list-style-type: none"><li>• Skill competency demonstration</li><li>• Exams</li><li>• Shadow Health assignment</li></ul>
Demonstrate collaboration and communication with healthcare professionals and patients to develop plans of care.	<ul style="list-style-type: none"><li>• Skill competency demonstration</li><li>• Exams</li><li>• Shadow Health assignment</li></ul>
Apply principles of infection control and patient safety during the assessment process.	<ul style="list-style-type: none"><li>• Skill competency demonstration</li><li>• Exams</li><li>• Shadow Health assignment</li></ul>

#### Description of Assessment Measures:

- 1. Health History Assignment:** Each student collects a written health history following guidelines provided in the grading rubric in Blackboard®.
- 2. Skill Competency Demonstration:** Each student will obtain a health history, conduct comprehensive and focused assessments including differentiating between expected and unexpected findings, using principles of infection control and patient safety following guidelines provided in the grading rubric in Blackboard®
- 3. Exams** – A variety of questions will be posed to students using multiple choice, multiple answer, fill in the blank, hot spot, etc. style questions.
- 4. Shadow Health Assignments** – This is an ongoing avatar case study program that requires students to communicate with and conduct relevant assessments on the avatars. The program provides feedback to students and faculty and is programmed to grade the assignment.

## Course Outline

- Health Assessment
  - Nurses Role
  - Safety
  - Infection Control
- Interviewing and Communication
  - Phases of interviewing
  - Therapeutic communication
  - Ethics
  - Adapting for various ages
- Health History
  - Subjective and objective data
  - Parts of the history
  - Obtaining across lifespans – infants thru geriatrics
  - Sensitive topics
  - Identification of health promotion and disease prevention strategies
  - Documentation of findings
  - Communication of findings with healthcare professionals
- Special Assessments
  - Cultural
  - Socioeconomic
  - Developmental
  - Physical
  - Psychosocial
  - Genetic
  - Spiritual
  - Environmental
  - Pre/Post-op
  - Braden Scale
  - Fall Risk
  - Behavioral Risk Factor Assessments
  - Obstetrical
  - Specialized across the lifespan assessments
- Physical Examination
  - Techniques
  - Vital signs
  - Pain
  - Nutrition
  - Systems
    - General survey
    - Integumentary System
    - Gastrointestinal System
    - Renal System
    - Reproductive System
    - Fetal Assessment during Labor

- Hematologic System
- Cardiovascular System
- Peripheral Vascular System
- Lymphatics System
- Respiratory System
- Endocrine System
- Nervous System
- Visual and Auditory Systems
- Musculoskeletal System
- Comprehensive vs. Focused
- Special techniques for across the lifespan
- Identification of health promotion and disease prevention strategies
- Documentation of findings
- Communication of findings with healthcare professionals

## Appendix F

### NURS 2304 - Pharmacology Across the Lifespan Course Outline and Methods of Assessment

**Course Description:** This course focuses on the clinical application within the context of the provision of nursing care to patients across the lifespan based on consideration given to physiological, psychological, cultural, spiritual and genetic needs of the patient. Explores indications, modes of action, effects, contraindications, interactions, and outcomes of selected medications. Specific nursing responsibilities related to medication administration and drug calculations are emphasized. PR: Successful completion of NURS 1200, 1201 and 1206. Co-req: NURS 2301 and BIOL 2205.

#### Course Outcomes and Methods of Assessment

Course Outcomes	Methods of Assessment
Evaluate the role of drug therapy in relation to health promotion, disease prevention and disease management across the lifespan.	1. Exams 2. Case studies
Assess and evaluate influences of medications on body systems using the nursing process.	1. Exams 2. Case studies
Describe the professional responsibility and standards of practice for the professional registered nurse as related to the medication administration process.	1. Exams 2. Case studies 3. Drug calculation assignments
Demonstrates safe drug dosage calculations.	1. Exams 2. Case studies 3. Drug calculation assignments 4. Drug Dosage Exam

#### Description of Assessment Measures: this is an example

- 1. Exams:** A variety of questions will be posed to students using multiple choice, multiple answer, fill in the blank, etc. style questions.
- 2. Case Studies:** Students will respond to a variety of case study questions that incorporate patient assessment data, diagnostic study results, etc. to determine the outcomes of select medications, safe routes of administration, contraindications, health promotion, disease prevention and disease management across the lifespan. Drug calculations will be included in the case studies. The case studies may be part of class discussion, group activities or on exams.
- 3. Drug Calculation Assignments:** Students will complete pre- and post-test assignments in a workbook on drug dosage calculations and safe administration of medications to patients across the lifespan.
- 4. Drug Dosage Exam:** Students will be required to successfully pass a drug dosage calculation exam in order to pass the course. Students will have two attempts to pass the exam.

## Course Outline

- Pharmacological basis
  - Nursing process
  - Pharmacological principles
  - Lifespan considerations
  - Cultural considerations
  - Legal considerations
  - Medication errors – preventing and responding to
  - Patient education
  - Over-the-counter medications
  - Herbal and dietary supplements
  - Gene therapy
  - Polypharmacy
  - Medication administration
  - Drug calculations
- Drugs affecting the central nervous system
  - Anesthetics
  - Central nervous system depressants
  - Muscle relaxants
  - Central nervous system stimulants
  - Antiepileptic drugs
  - Antiparkinson drugs
  - Psychotherapy drugs
  - Substance use disorder
- Drugs affecting the autonomic nervous system
  - Adrenergic drugs
  - Adrenergic blocking drugs
  - Cholinergic drugs
  - Cholinergic-blocking drugs
- Drugs affecting the cardiovascular and renal systems
  - Antihypertensive drugs
  - Antianginal drugs
  - Heart failure drugs
  - Antidysrhythmic drugs
  - Coagulation modifier drugs
  - Antilipemic drugs
  - Diuretic drugs
  - Fluids and electrolytes
- Drugs affecting the endocrine system
  - Pituitary drugs
  - Thyroid drugs
  - Antithyroid drugs
  - Diabetes drugs
  - Adrenal drugs



- Drugs affecting the reproductive system
  - Women's health drugs
    - Menopause
    - Birth control
    - Estrogen
    - Progestins
    - Uterine stimulants
    - Preterm labor drugs
  - Men's health drugs
    - Erectile dysfunction
    - Alpha-adrenergic blockers
    - Anabolic steroids
    - Androgens
    - Antiandrogens
    - 5-Alpha Reductase inhibitors
    - Gonadotropin-releasing hormone analogues
    - Peripheral vasodilator
- Drugs affecting the respiratory system
  - Antihistamines
  - Decongestants
  - Antitussives
  - Expectorants
  - Bronchodilators
  - Nonbronchodilators
- Anti-infective and anti-inflammatory drugs
  - Antibiotics
  - Antiviral
  - Antitubercular
  - Antifungal
  - Antimalaria, antiprotozoal, and anthelmintic
  - Anti-inflammatory
  - Antigout
- Chemotherapy and biologic modifiers
  - Antineoplastic
  - Biological response
  - Antirheumatic
  - Immunosuppressants
  - Immunizing
- Drugs affecting the GI system
  - Acid controlling
    - Antacids
    - H2 Receptor antagonists
    - Proton Pump Inhibitors
    - Acid controlling drugs
  - Bowel disorder
    - Antidiarrheals

- Laxatives
  - Antiemetic and anti-nausea
  - Vitamins and minerals
  - Anemic
  - Nutritional supplements
- Dermatologic, ophthalmic and otic drugs
  - Dermatologic
    - Antibacterial
    - Antiacne
    - Antifungal
    - Antiviral
    - Antipruritic
    - Anti-inflammatory
    - Antipsoriatic
    - Sunscreen
    - Antineoplastic
    - Hair growth
    - Immunomodulators
    - Wound care
    - Skin preparation
  - Ophthalmic
    - Antiglaucoma
    - Miotic
    - Mydriatics
    - Beta-adrenergic blockers
    - Carbonic anhydrase inhibitors
    - Prostaglandin agonists
    - Antimicrobials
    - Anti-inflammatory
    - Local anesthetics
    - Miscellaneous
  - Otic
    - Earwax emulsifiers
    - Antibacterial and antifungal

## Appendix G

### NURS 2403 - Capstone Clinical Experience Course Outline and Methods of Assessment

This course provides a culminating experience for the LPN to ASN student by providing opportunities to assume the role of a registered nurse through provision of high-quality patient-centered care, apply leadership concepts and skills in decision making, practice interprofessional and intraprofessional collaboration, and direct management of care. Co-req: NURS 2401 and 2402. This course will be taken in the student's last semester.

#### Course Outcomes and Methods of Assessment

Course Outcomes	Methods of Assessment
Provide patient- centered care to patients across the lifespan in response to their changing health needs.	<ul style="list-style-type: none"> <li>• Develop a formal clinical learning contract with preceptor</li> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> </ul>
Advocate for patients in ways to promote their self-determination and ongoing growth.	<ul style="list-style-type: none"> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> </ul>
Apply evidence-based practice, and clinical judgment in the provision of patient-centered care across the lifespan.	<ul style="list-style-type: none"> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> </ul>
Use the nursing process, information management systems, teamwork and inter-professional collaboration to provide safe, effective, quality care aimed at promoting the patients' health across the lifespan.	<ul style="list-style-type: none"> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> </ul>
Provide compassionate patient-centered care through roles of care provider, manager, educator, leader, and advocate to patients across the lifespan.	<ul style="list-style-type: none"> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> </ul>
Communicate professionally and collaboratively with patients across the	<ul style="list-style-type: none"> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> </ul>

lifespan and members of the healthcare team.	<ul style="list-style-type: none"> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> </ul>
Demonstrates responsibility and accountability for professional nursing practice and lifelong learning.	<ul style="list-style-type: none"> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> </ul>
Integrate current best practices to deliver safe and effective patient-centered care aimed at improving quality of care and care outcomes	<ul style="list-style-type: none"> <li>• Clinical log</li> <li>• Communication with student and preceptor</li> <li>• Clinical evaluation (midterm and final)</li> <li>• Case presentations</li> <li>• Legal, ethical, and/or moral case presentation</li> </ul>

### Description of Assessment Measures:

1. **Develop a formal clinical learning contract with preceptor:** The contract is a signed agreement between the student and clinical preceptor regarding clinical dates, times, clinical objectives, and responsibilities of each person (student and preceptor). The contract must be approved by course faculty.
2. **Clinical log:** Following each student clinical experience, the student will do a self-evaluation of their experience in relation to the course outcomes. The clinical log must address how each outcome was met and opportunities and plans for further professional growth. Feedback will be provided by faculty to the student regarding clinical logs.
3. **Communication with student and preceptor:** Faculty will meet with both the student and preceptor a minimum of twice during the semester to discuss student performance, attainment of course outcomes, and plans for further professional development.
4. **Clinical evaluations:** The student will complete a midterm (formative) and final (summative) clinical evaluation of their performance. This will be reviewed by the faculty member in consultation with the clinical preceptor and an evaluation will be completed by the course faculty and reviewed with the student.
5. **Case presentations:** The student will develop two in-depth case presentations to share with faculty and classmates during the semester. A rubric with specific guidelines will be shared with the students for their presentations.
6. **Legal, ethical, and/or moral case presentation** – The student will lead a class discussion on a legal, ethical and/or moral situation experienced during their capstone clinical. A rubric with specific guidelines will be shared with the students for their presentations.

### Course Outline

#### Capstone clinical experience

- Develop formal learning contract with clinical objectives
- 96 hours of direct patient care with a RN preceptor
- Clinical logs submitted within 48 hours of the end of a clinical

- Clinical self-evaluation (midterm and final)
- Communication with preceptor and faculty member

Seminar hours (theory component)

- 16 hours
- Case presentations
- Legal, ethical, and/or moral case presentations