

# LUNA COMMUNITY COLLEGE

## Associate of Applied Science Nursing Degree Curriculum Profile 2012-2015

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## **Program Goals**

Luna Community College offers an Associate of Applied Science Degree in Nursing, with an exit option for Practical Nursing after completion of the first year of nursing. The mission of the nursing department is to prepare nurses to provide culturally competent, community-based entry level nursing care. Nursing is a rewarding career in high demand, which offers many challenges and opportunities within diverse health care settings.

The nursing program is approved by the New Mexico Board of Nursing and accredited by National League of Nursing Accreditation Commission (NLNAC).

Upon successful completion of both the first year nursing courses (Level I) and the second year nursing courses (Level II), a student receives an Associate of Applied Science Degree in Nursing and is eligible to take the RN NCLEX following successful passage of the RN Predictor Test.

Graduates are encouraged to continue on toward completion of a Bachelor of Science in nursing offered at some four-year universities.

### **Graduates of the program will:**

1. Integrate knowledge from the biological, physical, behavioral and nursing sciences to provide nursing care for groups of clients within diverse health care settings.
2. Manage safe, competent, effective nursing care for clients and their families utilizing appropriate decision-making skills within diverse health care settings.
3. Exhibit professional behaviors that are relevant to the role of the associate degree nurse that includes a commitment for lifelong learning.
4. Incorporate sensitivity to diversity in the management of client care within a variety of health care settings.
5. Initiate therapeutic, collaborative, and professional communication in the management of client care within a variety of diverse health care settings.

**NURSING**  
**Associate of Applied Science Degree**  
 Minimum of 73 Credit Hours

**Institutional Proficiency Requirement**

In addition to the courses listed below for this program of study, students must also complete institutional proficiency of MATH095 that is outlined on page 77 to meet all graduation requirements.

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<b>Degree Requirements</b>	<b>Credit Hours: 73</b>
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**General Education Core** **(17 hours)**

Area I. Communications..... (6 hours)

ENG111	Freshman Composition I	3
ENG115	Freshman Composition II	3

Area III. Laboratory Science..... (8 hours)

BIO217	Human Anatomy and Physiology I	4
BIO218	Human Anatomy and Physiology II	4

Area IV. Social and Behavioral Sciences..... (3 hours)

PSYC101	Introduction to Psychology	3
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**Program Requirements – PN.....(23 hours)**

NRSG100	Math/Dosage Calculations	1
NRSG101	Therapeutic Communication	1
NRSG110	Introduction to Nursing/Wellness	5
NRSG111	Health Assessment Practicum	2
NRSG115	Common Health Problems	5
NRSG116	Common Health Problems Practicum	2
NRSG118	Family Nursing I	2
NRSG119	Family Nursing I Practicum	1
NRSG244	Pharmacotherapeutic Interventions I	2
NRSG245	Pharmacotherapeutic Interventions II	2

**Program Requirements – RN.....(19 hours)**

NRSG216	Mental Health Nursing	2
NRSG217	Mental Health Nursing Practicum	1
NRSG218	Family Nursing II	2
NRSG219	Family Nursing II Practicum	1
NRSG220	Management of Client Care within the Community	2
NRSG222	Transitional Practicum	2
NRSG224	Adult Nursing I	2
NRSG225	Adult Nursing I Practicum	1
NRSG234	Adult Nursing II	2
NRSG235	Adult Nursing II Practicum	2
NRSG254	Pharmacotherapeutic Interventions III	1
NRSG255	Pharmacotherapeutic Interventions IV	1

**Related Studies.....(12 hours)**

AH113	Medical Terminology	2
AH210	Nutrition	3
BIO201	Medical Microbiology	4
PSYC242	Developmental Life Span	3

**Approved Electives.....(2 hours)**

ANTH103	Introduction to Anthropology	3
CHEM105	General Chemistry I	4
CSA150	Computer Fundamentals	3
MATH130	Statistics	3
NRSG202	Geriatric Nursing	2
NRSG241	Pathophysiology I	3
NRSG242	Pathophysiology II	3
SOC101	Introduction to Sociology	3
SPAN101	Beginning Spanish I	3
SPAN212	Spanish for Health Professionals	3

**Additional Program Requirement:**

The Registered Nurse (RN) Predictor Assessment Test is part of program completion. A passing score as determined by LCC's Nursing faculty is required in order to release the student's Certification of Graduation to the Board of Nursing for RN-NCLEX licensing. An RN graduate student has until the end of May to schedule their RN comprehensive predictor. Students who fail the ATI predictor must complete an approved NCLEX review course at their expense before retesting for their RN predictor.

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**ENG111**                      **English Composition I**                      **3;(3,0)****Course Description:**

This course is designed to develop composition skills. Emphasis of the course is on the development of the multi-paragraph essay and includes practice in selection, organization, and development of topics. The course further provides the student opportunities to improve proficiency with sentence structure, diction, and mechanics. In addition, the student is exposed to research documentation techniques. Students will be required to write several essays demonstrating an understanding of different writing situations and rhetorical modes of exposition. *Prerequisites: ENG095 and MATH095 or equivalent COMPASS/ACT scores. NM Common Course Number: ENG1113.*

**Learning Outcomes:**

1. Identify and apply the steps involved in the writing process
2. Compose a strong thesis statement for various types of scenarios
3. Organize an essay into a well written introduction, body, and conclusion
4. Identify and compose the following types of writing: exemplification, cause and effect, analysis, compare/contrast, descriptive, and summary
5. Compose different types of sentence structures and paragraphs with correct spelling, punctuation and grammar

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**ENG112**                      **Freshman Composition II**                      **3;(3,0)****Course Description:**

This course builds upon the foundation of ENG111 skills. Emphasis of the course is on research-based intermediate exposition, and exploration of argumentative strategies. Attention is given to library research, source evaluation, analysis of written materials, interaction with other's ideas, and the ability to use critical thinking and reasoning to pursue a point. Students will be required to write several essays demonstrating mastery of scholarly formats such as MLA and APA. This course has a portfolio requirement at the end of the semester, which will be evaluated by a committee of writing professors. *Prerequisites: ENG111 with a grade of "C" or better. NM Common Course Number: ENGL1123*

**Learning Outcomes:**

1. To create well-reasoned ideas written in an organized, clear, and direct style.
2. To analyze, interpret, respond to, and integrate the main ideas of other writers.
3. To adopt the practice of using a critical approach to all ideas.
4. To research and utilize the ideas of credible perspectives on a topic.
5. To understand and apply the theories of argument to create original perspectives on a topic.
6. To master the scholarly formats of MLA and APA.

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**BIO217**                      **Human Anatomy and Physiology I**                      **4;(3,2)****Course Description:**

Course includes the structure and function of the human body at the cellular,

tissue, organ, and organ system levels of organization. The integumentary, skeletal, muscular and nervous systems are addressed in detail.

*Prerequisites: ENG095 and READ095 or equivalent COMPASS/ACT scores. NM Common Course Number: BIOL2414.*

**Learning Outcomes:**

1. Identify and scientifically discuss the fundamental parts of the human body within the realm of anatomy and physiology.
2. Demonstrate an understanding of those same parts and their role in normal functioning of the human body.
3. Identify and scientifically discuss the fundamental parts of the body within the scheme of organ systems.
4. Discuss the origin, prognosis, and treatment of major homeostatic imbalances of major organ systems given descriptions of symptoms.

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**BIO218 Human Anatomy and Physiology II 4;(3,2)**

**Course Description:**

This course includes the nervous, endocrine, cardiovascular, lymphatic, immune, respiratory, urinary, reproductive systems with genetics and fetal development.

*Prerequisites: ENG095 and READ095 or equivalent COMPASS/ACT scores. NM Common Course Number: BIOL2424.*

**Learning Outcomes:**

1. Identify and scientifically discuss the fundamental parts of the human body within the realm of anatomy and physiology.
2. Demonstrate an understanding of those same parts and their role in normal functioning of the human body.
3. Identify and scientifically discuss the fundamental parts of the body within the scheme of organ systems.
4. Discuss the origin, prognosis, and treatment of major homeostatic imbalances of major organ systems.

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**PSYC101 Introduction to Psychology 3;(3,0)**

**Course Description:**

This course is a survey of the major concepts of modern psychology and their application to some of the issues in modern society. Several topics include: human development, biopsychology, perception, learning, thinking, motivation, and social interaction. *NM Common Course Number: PSYC1113*

**Learning Outcomes:**

1. Define the science of psychology and distinguish its varied fields.
2. Recognize the different theories of psychology as they relate to life development.
3. Compare the relationship between physiology and behavior.
4. Recognize the theories of learning, differentiating between classical and operant conditioning.
5. Illustrate the process of Memory of encoding, storage and retrieval of memory.
6. Recognize Motivation and its effect on emotional response and behavior.
7. Identify stress and its damaging effects and the resources for coping and health

8. Distinguish the psychological disorders and their categories through DSM IV Manual.
9. Indicate the proper therapeutic process effective for upholding mental health.
10. Appraise the social influence on attitude and behavior as values taught socially.

**Related Studies**

**12 credits**

**AH113 Medical Terminology for Health Care Professionals 2;(2,0)**  
*Previously offered as BIO103*

**Course Description:**

This course offers a systematic study of medical terms for health professionals who need to acquire a medical vocabulary for their professional training. The student becomes proficient with prefixes, suffices, and key words that formulate medical terms and the pronunciation of medical terms. A basic review of the major anatomical systems is included.

**Learning Outcomes:**

1. Identify and utilize word parts to systemically build up knowledge of medical language.
2. Learn the “sounds like” pronunciation system Identify the guidelines for medical dictionary use.
3. Identify and utilize guidelines for plural forms of words.
4. Identify general medical terminology related to structure of the human body.

**AH210 Nutrition 3;(3,0)**  
*Previously offered as BIO210*

**Course Description:**

This course is geared for health occupation majors and provides a basic foundation of nutrition and the application of dietary modifications for clients within various health care settings. The overall goal is to encourage the consumer to take responsibility for his/her nutritional status and to provide ongoing education on nutrition.

**Learning outcomes:**

1. Explain the differences between various therapeutic diets.
2. Establish base line knowledge of common nutrition theories.
3. Define the process involved with digestion, absorption and metabolism of nutrients.
4. Describe the various nutrients needed to maintain health.
5. Describe nutritional implications involving common diseases.

**PSYC242 Developmental Life Span 3;(3,0)**

**Course Description:**

This course is a survey of the major concepts of modern psychology and their application to some of the issues in modern society. Several topics include: human development, biopsychology, perception, learning, thinking, motivation, and social interaction.

**Learning Outcomes:**

1. Describe and apply knowledge of the different developmental theories across the lifespan.
2. Describe and apply knowledge of development of key behaviors and concepts during one's life span.
3. Describe and identify appropriate intervention for observed normal and abnormal characteristics and behaviors of an individual or various age groups.
4. Describe and apply knowledge of the impact of ethnicity and gender throughout the life span of the individual.
5. Identify tools and demonstrate appropriate use to assess developmental status.
6. Apply scientifically evidenced- based knowledge to learn of developmental differences throughout the life span.
7. Articulate both commonalities and diversity of today's multicultural society.
8. Implement verbal and written communication skills in class discussions and homework assignments.

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**BIO201** **Medical Microbiology** **4;(3,2)**

**Course Description:**

This course is designed to give the student a basic understanding of the microbial world and the role of microbes in human disease. Microbial identification, metabolism, and reproduction will be addressed. Diseases of the organ systems will be identified along with diagnosis and treatment of microbial infection. *Prerequisites: ENG095 and READ095 or equivalent COMPASS/ACT scores. NM Common Course Number: BIOL2514.*

**Learning outcomes:**

1. Discuss the role of microbes in normal human health.
2. Understand and discuss the immune system and how it functions.
3. Discuss the diagnosis and treatment of microbial infection.
4. Identify an unknown bacterial species by utilizing a variety of laboratory techniques.
5. Understand how antibiotics and other antimicrobials exert their antimicrobial action.

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**First Level Courses-PN.....(23 Credit Hours)**

**PREREQUISITES: Admission into the Nursing Program**

**NRSG100** **Math/Dosage Calculations** **1;(1,0)**

**Course Description:**

This course includes reading and interpretation of medication orders and labels, calculation of dosages for the safe administration of medications in all age groups, and in a variety of clinical agencies. It includes the conversion of drug dosages among and within the three systems of measurement (ie. metric, apothecary, and household). (Level I PN Program) *Corequisites: NRSG101, NRSG110, NRSG111 and NRSG244.*



**Learning Outcomes:**

1. Apply principles from nursing science in providing safe, accurate medication administration for diverse client populations with common health problems.
2. Utilize the critical thinking process in the calculation and delivery of medications to assure accurate and safe delivery of medications leading toward client's health promotion.

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**NRS101****Therapeutic Communication****1;(1,0)****Course Description:**

This course serves as an introductory course in basic communication techniques and principles of therapeutic and professional communication through role playing case studies. Effective techniques for teaching/learning, interviewing/assessment, listening skill building and the interpretation of non-verbal communication are incorporated.

(Level I PN Program) *Corequisites: NRS100, NRS110, NRS111 and NRS244.*

**Learning Outcomes:**

1. Apply basic scientific principles and communication techniques to assist clients toward health promotion and illness prevention.
2. Identify components of the critical thinking/decision making process to communicate effectively with clients toward health promotion/illness prevention.
3. Verbalize specific roles and responsibilities of the nursing profession in the maintenance of ethical and legal standards in delivery of care to clients.
4. Demonstrate appropriate communication utilizing basic therapeutic techniques and professional communication in the delivery of care to clients/families.
5. Apply knowledge of values, beliefs and cultural traditions in therapeutic communication intervention in the delivery of care to clients.

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**NRS110****Introduction to Nursing/Wellness****5;(5,0)****Course Description:**

The student is introduced to the philosophy and organizational framework of the program. Wellness across the life span is the focus of this course with topics that include: health promotion, cultural diversity within the community, teaching/learning principles, critical thinking, ethical and legal issues, and components of nursing practice and nursing process. (Level I PN Program) *Corequisites: NRS100, NRS101, NRS111 and NRS244.*

**Learning Outcomes:**

1. Apply basic scientific principles and nursing theory to assist clients toward health promotion and illness prevention in meeting their basic health care needs.
2. Apply critical thinking to deliver safe nursing care to clients toward health promotion and illness prevention in meeting their basic health care needs.
3. Demonstrate accountability including legal and ethical standards when providing nursing care for clients.
4. Apply knowledge of values, beliefs and cultural traditions when caring for a variety of diverse client populations with common health problems.
5. Communicate appropriately, utilizing basic communication techniques, when providing nursing care for clients toward health promotion and illness prevention.

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<b>NRSG111</b>	<b>Health Assessment Practicum</b>	<b>2;(0,6)</b>
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**Course Description:**

The student will build on competencies acquired in their certified Nurse Aide program as well as knowledge acquired in basic nursing support courses. This course focuses on basic principles, skills and behaviors of client care with an awareness of cultural diversity within the community. Lab practice will focus on practice/demonstration and performance of basic nursing skills and critical nursing behaviors. (Level I PN Program)  
*Corequisites: NRSG100, NRSG101, NRSG110 and NRSG244.*

**Learning Outcomes:**

1. Apply basic scientific principles and nursing theory to assist clients toward health promotion and illness prevention in meeting their basic health care needs.
2. Apply critical thinking to deliver safe nursing care to clients toward health promotion and illness prevention in meeting their basic health care needs.
3. Demonstrates accountability including legal and ethical standards when providing nursing care for clients.
4. Apply knowledge of values, beliefs and cultural traditions when providing nursing care for clients with basic health care problems.
5. Communicates appropriately utilizing basic communication techniques, when providing nursing care for clients toward health promotion and illness prevention.

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<b>NRSG115</b>	<b>Common Health Problems</b>	<b>5;(5,0)</b>
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**Course Description:**

The focus of this course is on the nurse's role in the promotion, maintenance, and restoration of health for adults with common health problems. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/decision making concepts are incorporated. (Level 1 PN Program).  
*Prerequisites: All first semester Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG116, NRSG118, NRSG119 and NRSG245.*

**Learning Outcomes:**

1. Utilize scientific principles and nursing theory to provide care for a variety of client populations with common health problems.
2. Utilize appropriate decision making skills to provide safe, effective nursing care to a variety of client populations with common health problems.
3. Demonstrate accountability and awareness of professional roles when providing nursing care for a variety of client populations with common health problems.
4. Provide culturally competent care that is consistent with values, beliefs and cultural traditions when caring for a variety of diverse client populations with common health problems.
5. Utilize therapeutic and professional communication skills when caring for a variety of diverse client populations with common health problems.

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<b>NRSG116</b>	<b>Common Health Problems Practicum</b>	<b>2;(0,6)</b>
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**Course Description:**

The focus of this practicum is the application of content from common health problems in nursing. The emphasis is on the utilization of scientific principles and nursing theory in providing care for clients with common health problems in a variety of clinical settings in the community. *(Level 1 PN Program). Prerequisites: All first semester Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG115, NRSG118, NRSG119 and NRSG245.*

**Learning Outcomes:**

1. Utilize scientific principles and nursing theory to provide care for a variety of client populations with common health problems.
2. Utilize appropriate decision making skills to provide safe, effective nursing care to a variety of client populations with common health problems.
3. Demonstrate accountability and awareness of professional roles when providing nursing care for a variety of client populations with common health problems.
4. Provide care that is consistent with values, beliefs and cultural traditions when caring for a variety of diverse client populations with common health problems.
5. Utilize therapeutic and professional communication skills when caring for a variety of diverse client populations with common health problems.

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<b>NRSG118</b>	<b>Family Nursing I</b>	<b>2;(2,0)</b>
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**Course Description:**

The focus of this course is on the nursing care of the client/family and newborn. Focus is on normal, uncomplicated obstetric/newborn nursing. It also addresses health promotion of the pediatric client within the community. The emphasis is on the utilization of scientific principles and nursing theory in providing care for pediatric clients with common health problems in a variety of clinical settings in the community. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/decision making concepts are incorporated. *(Level 1 PN Program). Prerequisites: All first semester Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG115, NRSG116, NRSG119 and NRSG245.*

**Learning Outcomes:**

1. Apply basic scientific principles and nursing theory to assist the childbearing and childrearing family with health promotion and illness prevention needs.
2. Utilize the nursing process to enhance appropriate decision making skills that provide for safe, effective nursing care and will result in the most beneficial outcome for the childbearing and childrearing family.
3. Demonstrate accountability and awareness of one's professional role when providing nursing care for the childbearing and childrearing family.
4. Integrate cultural patterns, preferences, and practices in providing culturally sensitive care for the childbearing and childrearing family.
5. Utilize therapeutic and professional communication skills when providing care for childbearing and childrearing families in various community settings.

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**NRSG119****Family Nursing I Practicum****1;(0,3)****Course Description:**

The student will build on competencies acquired in their first level nursing program as well as knowledge acquired in basic nursing support courses. This course focuses on basic, skills and behaviors of client care with an awareness of cultural diversity within the community in Pediatrics and Obstetrics. Labs and clinicals will focus on practice/demonstration and performance of nursing skills and critical nursing behaviors for pediatrics and obstetrics. *(Level 1 PN Program). Prerequisites: All first semester Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG115, NRSG116, NRSG118 and NRSG245.*

**Learning Outcomes:**

1. Apply basic scientific principles and nursing theory to assist clients toward health promotion and illness prevention in meeting their basic health care needs.
2. Apply critical thinking to deliver safe nursing care to clients toward health promotion and illness prevention in meeting their basic health care needs.
3. Demonstrates accountability including legal and ethical standards when providing nursing care for clients.
4. Apply knowledge of values, beliefs and cultural traditions when providing nursing care for clients with basic health care problems.
5. Communicates appropriately utilizing basic communication techniques, when providing nursing care for clients toward health promotion and illness prevention

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**NRSG244****Pharmacotherapeutic Interventions I****2;(2,0)****Course Description:**

An introductory course to basic pharmacology based on principles of pharmacodynamics, pharmacokinetics, and pharmacotherapeutic. The focus is on health promoting drugs with emphasis on teaching/learning, cultural competency, and promotion of critical thinking toward safe and accurate medication administration. *(Level I PN Program) Corequisites: NRSG100, NRSG101, NRSG110 and NRSG111.*

**Learning Outcomes:**

1. Apply basic scientific principles and knowledge of pharmacotherapeutic interventions to assist individual clients toward health promotion and illness prevention.
2. Apply the critical thinking process to deliver safe medication interventions to assist individual clients toward health promotion/ illness prevention.
3. Demonstrate accountability in the verbalization of specific roles and responsibilities of the medication nurse in the safe delivery of medication to clients.
4. Apply knowledge of values, beliefs, and cultural traditions that may impact on client/ family's decisions to utilize medication interventions to assist individuals toward health promotion and illness prevention.
5. Demonstrate appropriate communication utilization basic therapeutic techniques in the administration of medication interventions.

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**NRSG245****Pharmacotherapeutic Interventions II****2;(2,0)****Course Description:**

This course is a continuation of clinical drug therapy organized by body systems with emphasis on drug actions, indications for uses, adverse effects, various types of drug interactions and key nursing implications. The student will utilize the basic knowledge from Pharmacotherapeutic Interventions I as new drugs are introduced that will follow disease processes taught in Common Health Problems. The continued focus is on health promoting drugs with emphasis on teaching/learning, cultural competency, and promotion of critical thinking toward safe and accurate medication administration. (*Level 1 PN Program*). *Prerequisites: All first semester Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG115, NRSG116, NRSG118 and NRSG119.*

**Learning Outcomes:**

1. Apply basic scientific principles and knowledge of pharmacotherapeutic interventions to assist individual clients toward health promotion and illness prevention.
2. Apply the critical thinking process to deliver safe medication interventions to assist individual clients toward health promotion/illness prevention.
3. Demonstrate accountability in the specific roles and responsibilities of the medication.
4. Apply knowledge of values, beliefs, and cultural traditions that may impact on client/families decision to utilize medication interventions to assist individuals toward health promotion and illness prevention.
5. Demonstrate appropriate communication utilizing therapeutic techniques in the administration of medication interventions.

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**NRSG130****Role Transition-PN****1;(1,0)****Course Description:**

(Requirement for students taking PN-ATI Predictor Assessment). This course provides a basic introduction to Mental Health concepts and identifies the roles, responsibilities and scope of practice for the Licensed Practical Nurse. (*Level I PN Program*)  
*Prerequisite: Successful completion of PN program.*

**Learning Outcomes:**

1. Utilize scientific and nursing theory to guide the formulation of nursing practice to provide care for a variety of client populations with mental health nursing needs.
2. Provides care that is consistent with values, beliefs, and, cultural traditions when caring for a variety of diverse client populations with mental health problems.



5. Communicates appropriately utilizing therapeutic, professional and collaborative communication skills when caring for clients with complex mental health care needs.

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**NRSG218****Family Nursing II****2;(2,0)****Course Description:**

The focus of this course is on acute, complex high-risk health problems of the obstetrical client which includes complications of pregnancy and delivery and the nursing measures which are utilized to reduce maternal/infant morbidity. It also includes acute/chronic complex health problems of the pediatric client. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/decision making concepts are incorporated. *(Level II RN Program).*

*Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG216, NRSG217, NRSG219, NRSG224, NRSG225 and NRSG254.*

**Learning Outcomes:**

1. Apply basic scientific principles and nursing theory to assist the childbearing and childrearing family with health promotion and illness prevention needs.
2. Utilize the nursing process to enhance appropriate decision making skills that provide for safe, effective nursing care and will result in the most beneficial outcome for the childbearing and childrearing family.
3. Demonstrate accountability and awareness of one's professional role when providing nursing care for the childbearing and childrearing family.
4. Integrate cultural patterns, preferences, and practices in providing culturally sensitive care for the childbearing and childrearing family.
5. Utilize therapeutic and professional communication skills when providing care for childbearing and childrearing families in various community settings.

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**NRSG219****Family Nursing II Practicum****1;(0,3)****Course Description:**

The focus of this practicum is the application of content from the high risk obstetric and pediatric content nursing course through the demonstration and performance of specific course related nursing skills to provide safe, competent, effective nursing care.

Emphasis on principles of growth and development, standards of practice, therapeutic age appropriate communication, and teaching/learning. Clinical practicum will occur in high acuity nursing health care settings. *(Level II RN Program).* *Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG216, NRSG217, NRSG218, NRSG224, NRSG225 and NRSG254.*

**Learning Outcomes:**

1. Apply basic scientific principles and nursing theory to assist clients toward health promotion and illness prevention in meeting their basic health care needs.
2. Apply critical thinking to deliver safe nursing care to clients toward health promotion and illness prevention in meeting their basic health care needs.
3. Demonstrates accountability including legal and ethical standards when providing nursing care for clients.

4. Apply knowledge of values, beliefs and cultural traditions when providing nursing care for clients with basic health care problems.
5. Communicates appropriately utilizing basic communication techniques, when providing nursing care for clients toward health promotion and illness prevention.

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**NRS220                      Management of Client Care within the Community                      2;(2,0)**

**Course Description:**

This course focuses on the role of the registered nurse. Health promotion and maintenance along with professional development in nursing are emphasized in an examination of current issues and trends in the health care environment. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/ decision making concepts are incorporated toward professional management/ delegation roles for the nurse. *(Level II RN Program).*

*Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRS222, NRS234, NRS235, and NRS255.*

**Learning Outcomes:**

1. Utilize the integration of principles from the humanities, biological, psychological, social services and nursing theory that guide the formulation of nursing practice.
2. Utilize the dynamic process by which one reviews available options and selects decisions for implementing nursing interventions that result in the most beneficial outcomes for the client and their families.
3. Practice within the ethical, legal, regulatory codes of nursing and standards of professional practice in which a nurse is accountable for one's own actions and behaviors.
4. Promote the interactive process through which there is an exchange of information that may occur verbally, non-verbally, in writing or through information technology that is directed toward the promotion of positive outcomes.
5. Incorporate the cultural patterns, values and beliefs of an individual, family and health care member that includes acceptance and respect for cultural differences.

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**NRS222                                      Transitional Practicum                                      2;(0,6)**

**Course Description:**

The focus of this final course is the integration of knowledge from all curriculum coursework content to provide for an opportunity to provide safe, competent, effective nursing care for a variety of groups of clients within the diverse care settings. Through a mentor relationship, growth opportunities that will lead to increased management skills, professional behaviors and collaborative communication will be practiced leading to safe independent nursing practice. *Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRS220, NRS234, NRS235, and NRS255.*



**Learning Outcomes:**

1. Demonstrate enhanced managerial skills in setting nursing priorities based on utilization of the nursing process for client assessments and staff assignments.
2. Demonstrate implementation of the nursing process in clinical practice.
3. Demonstrate enhanced interpersonal/therapeutic communication skills with team members, clients, client's families and client groups.
4. Administer medications to assigned clients utilizing critical thinking to analyze factors that promote safe administration to individual clients.
5. Demonstrate the ability to work effectively with members of the various health care team.
6. Demonstrate increased mastery of activities such as Discharge Planning; Client Teaching; Family Counseling, etc.
7. Demonstrate enhanced ability to give a thorough nursing report using institutional guidelines.
8. Develop and update nursing care plans following the nursing process as needed.
9. Develop organizational skills to manage all aspects of care for a small group of assigned clients.

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**NRSG224****Adult Nursing I****2;(2,0)****Course Description:**

This course examines the care of the adult client with complex, multiple-system acute and or chronic health problems and identifies the different roles of the registered nurse in acute and community based health care settings. The focus of this course is on the promotion, maintenance and restoration of health for clients with the utilization of follow-up care, community resources, and collaboration with other health care professionals to provide continuity of care. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/decision making concepts are incorporated. *(Level II RN Program). Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher.*

*Corequisites: NRSG216, NRSG217, NRSG218, NRSG119, NRSG225 and NRSG254.*

**Learning Outcomes:**

1. Apply scientific principles and nursing theory when providing care for a patient with complex health care needs.
2. Adapt nursing care to a patient through proper decision-making skills and unite with patient, family supports, and healthcare team and community agencies.
3. Demonstrate responsibility and practice in a united, interdisciplinary role when providing care for a patient.
4. Provide care that is consistent with values, beliefs, and cultural traditions when caring for a patient.
5. Demonstrate efficient communication when administering nursing care for a patient.

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<b>NRSG225</b>	<b>Adult Nursing Practicum I</b>	<b>1;(0,3)</b>
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**Course Description:**

The focus of this practicum is on the nurse's role in the care for clients with complex acute or chronic health problems through appropriate decision making skills and collaboration with clients, family, the health care team, and community agencies. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/decision making concepts are incorporated. Emphasis on demonstration and performance of complex nursing skills in high acuity nursing health care settings. (*Level II RN Program*). *Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher.* *Corequisites: NRSG216, NRSG217, NRSG218, NRSG119, NRSG224 and NRSG254.*

**Learning Outcomes:**

1. Utilize scientific principles and nursing theory to provide care for groups of clients with complex health care needs.
2. Coordinate nursing care to groups of clients through appropriate decision-making skills and collaboration with client, family supports, health care team, and community agencies.
3. Demonstrate accountability and practice in a collaborative, interdisciplinary role when providing nursing care for groups of clients in a dynamic/changing health care system.
4. Provide care that is consistent with values, beliefs, and cultural traditions when caring for groups of clients.
5. Demonstrate effective communication when delivering nursing care to groups of clients.

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<b>NRSG 234</b>	<b>Adult Nursing II</b>	<b>2;(2,0)</b>
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**Course Description:**

This course examines the care of the adult client with complex, multiple-system acute and or chronic health problems and identifies the different roles of the registered nurse in acute and community based health care settings. The focus of this course is on the promotion, maintenance and restoration of health for clients with the utilization of follow-up care, community resources, and collaboration with other health care professionals to provide continuity of care. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/decision making concepts are incorporated. *Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher.* *Corequisites: NRSG220, NRSG222, NRSG235, and NRSG255.*

**Learning Outcomes:**

1. Apply scientific principles and nursing theory when providing care for groups of clients with complex health care needs.
2. Adapt nursing care to groups of clients through proper decision-making skills and unite with client, family supports, healthcare team and community agencies.
3. Demonstrate responsibility and practice in a united, interdisciplinary role when providing care for groups of clients.

4. Provide care that is consistent with values, beliefs, and cultural traditions when caring for groups of clients.
5. Demonstrate efficient communication when administering nursing care for groups of clients.

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**NRSG 235****Adult Nursing II Practicum****2;(0,6)****Course Description:**

The focus of this practicum is on the nurse's role in the coordination of care for clients with complex acute or chronic health problems through appropriate decision making skills and collaboration with clients, family, the health care team, and community agencies. Nursing process, teaching/learning, cultural diversity in the community and the further development of critical thinking/decision making concepts are incorporated. Emphasis on performance and performance of complex nursing skills in high acuity nursing health care settings. *Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG220, NRSG222, NRSG234, and NRSG255.*

**Learning Outcomes:**

1. Utilize scientific principles and nursing theory to provide care for groups of clients with complex health care needs.
2. Coordinate nursing care to groups of clients through appropriate decision-making skills and collaboration with client, family supports, health care team, and community agencies.
3. Demonstrate accountability and practice in a collaborative, interdisciplinary role when providing nursing care for groups of clients in a dynamic/changing health care system.
4. Provide care that is consistent with values, beliefs, and cultural traditions when caring for groups of clients.
5. Demonstrate effective communication when delivering nursing care to groups of clients.

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**NRSG254****Pharmacotherapeutic Interventions III****1;(1,0)****Course Description:**

In this course the student will analyze and apply basic to advanced pharmacological principals related to safe medication administration. Medication classification, action, usage, side effects, adverse effects, and therapeutic effects will be included. Consideration will be given to drug interactions with other drugs, herbs and food. Cultural considerations will be integrated into competent medication administration. *(Level II RN Program). Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher. Corequisites: NRSG216, NRSG217, NRSG218, NRSG119, NRSG224 and NRSG225.*

**Learning Outcomes:**

1. Apply basic scientific principles and knowledge of pharmacotherapeutic interventions to assist individual clients toward health promotion and illness prevention.

2. Apply the critical thinking process to deliver safe medication interventions to assist individual clients toward health promotion/ illness prevention.
3. Demonstrate accountability in the verbalization of specific roles and responsibilities of the medication nurse in the safe delivery of medication to clients.
4. Apply knowledge of values, beliefs, and cultural traditions that may impact on client/ family's decisions to utilize medication interventions to assist individuals toward health promotion and illness prevention.
5. Demonstrate appropriate communication utilization basic therapeutic techniques in the administration of medication interventions.

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**NRSG255**

**Pharmacotherapeutic Interventions IV**

**1;(1,0)**

**Course Description:**

This course will synthesize pharmacologic principals with active learning situations in order for the student to obtain a working knowledge of pharmacologic principals covered in pharmacotherapeutic Interventions I, II, III. *Prerequisites: All first level (PN) Nursing courses must be successfully completed with a letter grade of "C" or higher.*

*Corequisites: NRSG220, NRSG222, NRSG234, and NRSG235.*

**Learning Outcomes:**

1. Apply basic scientific principles and knowledge of pharmacotherapeutic interventions to assist individual clients toward health promotion and illness prevention.
  2. Apply the critical thinking process to deliver safe medication interventions to assist individual clients toward health promotion/ illness prevention.
  3. Demonstrate accountability in the verbalization of specific roles and responsibilities of the medication nurse in the safe delivery of medication to clients.
  4. Apply knowledge of values, beliefs, and cultural traditions that may impact on client/ family's decisions to utilize medication interventions to assist individuals toward health promotion and illness prevention.
  5. Demonstrate appropriate communication utilization basic therapeutic techniques in the administration of medication interventions.
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## **New Mexico Lab Science Competencies**

In addition to the learning objectives for each lab science course, all lab science courses must also meet the New Mexico Lab Science Competencies.

### **1. Students will describe the process of scientific inquiry.**

Students should:

- a. Understand that scientists rely on evidence obtained from observations rather than authority, tradition, doctrine, or intuition.
- b. Students should value science as a way to develop reliable knowledge about the world.

### **2. Students will solve problems scientifically.**

Students should:

- a. Be able to construct and test hypotheses using modern lab equipment (such as microscopes, scales, computer technology) and appropriate quantitative methods.
- b. Be able to evaluate isolated observations about the physical universe and relate them to hierarchically organized explanatory frameworks (theories).

### **3. Students will communicate scientific information.**

Students should:

Communicate effectively about science (e.g., write lab reports in standard format and explain basic scientific concepts, procedures, and results using written, oral, and graphic presentation techniques.)

### **4. Students will apply quantitative analysis to scientific problems.**

Students should:

- a. Select and perform appropriate quantitative analyses of scientific observations.
- b. Show familiarity with the metric system, use a calculator to perform appropriate

mathematical operations, and present results in tables and graphs.

### **5. Students will apply scientific thinking to real world problems.**

Students should:

- a. Critically evaluate scientific reports or accounts presented in the popular media.
- b. Understand the basic scientific facts related to important contemporary issues

(e.g., global warming, stem cell research, cosmology), and ask informed questions about those issues.

## **Assessment**

Luna Community College defines assessment as a process that will lead to the improvement of student learning. The process must follow four steps as illustrated below.

### **LCC Assessment Plan**

All course offerings, including degree and certificate programs, at Luna Community College are required to follow the four-step assessment process. They include:

1. A list of expected learning outcomes
2. Assessment tools that directly measure those learning outcomes
3. The results of the data, and
4. How the data will be used to improve student learning

Academic Departments at Luna Community College are required to participate in semester "Improving Student Learning" assessment reporting and Student Learning Outcomes Assessment (SLOA) Committee presentations. Every semester, academic departments focus on specific learning outcomes with a targeted student population. Faculty are selected to participate in SLOA; selected faculty participate in developing assessment methods and procedures for their particular course or courses. The faculty give oral presentations at the end of the semester and information gathered is disseminated among SLOA members, faculty and staff. The purpose is to provide a baseline for future improvements.

Visit our web site at [www.luna.edu](http://www.luna.edu) to review LCC's Improving Student Learning (ISL) reports. LCC also abides by the New Mexico state competencies for general education.



## Appendix "A"

### LUNA COMMUNITY COLLEGE

#### Standard "Minimal" Requirements for Course Syllabus

<b>Course</b>	course title and other course information including meeting times, dates, room number, credits, semester, prerequisites and/or co-requisites
<b>Faculty</b>	information about the instructor and his or her contact information (e.g., phone number and email). List time and day of office hours for full time faculty
<b>Course Description</b>	use catalog description, 2012-2015
<b>Expectations of Students</b>	<p>What do you expect from your students?</p> <p>For example, description of students' responsibilities in the learning process; how you hope the students will approach the course subject/content; take responsibility for their learning; the amount of study time expected in the course, and suggestions on how to succeed in the course.</p>
<b>Course Learning Outcomes (Competencies)</b>	this section will include a list of skills or techniques students will develop from the course. This list will consist of a <u>minimum of four to six quantifiable statements</u> about what students will be able to do after completing the course.
<b>New Mexico CORE Competencies</b>	If teaching a CORE course, the State HED competencies must be stated (e.g., Communications, Mathematics, Laboratory Science, Social & Behavioral Sciences, Humanities & Fine Arts).
<b>Methods of Measuring Learning Outcomes (Competencies) outcomes?</b>	What tools are used to measure student success based on the learning
<b>Evaluation</b>	Indicate how the student will earn a

particular grade, such as information about assignments including types of assignments, nature of exams (e.g., take home, open book, in-class) due dates, grading criteria and so forth.

**Course Schedule**

Add a tentative schedule indicating the course content that will be covered throughout the course (e.g., eight week or sixteen week schedule).

**Policies**

Include policies such as attendance, academic responsibilities, late assignments, missed exams, cell phones, etc.

Add a statement that indicates: for additional student information, refer to the 2012-2015 Student Handbook

**Grading Standard**

Refer to the LCC 2012-2015 Catalog

**Textbook(s)**

Name of required textbooks(s) and any recommended materials. Include ISBN number(s)

**Important Dates**

List important dates such as last day to withdraw from the course, holidays, add/drop, midterm, final exam week, spring break and other important dates.

**ADA Statement**

Add a statement regarding accommodations for students with disabilities. See Academic Policies & Procedures Manual 2012-2013 for additional information.

**Academic Integrity**

See Academic Policies and Procedures Manual 2012-2013 for additional information.

**Syllabus Revisions or Changes**

Add a statement that indicates the syllabus is subject to change

**Internet Courses**

See Academic Policies & Procedures Manual 2012-2013 for additional



information.

