

**GREAT PLAINS TECHNOLOGY CENTER
COURSE OF STUDY**

Career Cluster: Health Science (HL)

Career Pathway: Therapeutic Services (HL001)

Career Major: Practical Nurse (HL0010042)

Career Major Hours: Adult Students: 1508 Hours

Instructors: Name: Leslie Givens, RN
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Academic Credit: Adult Students: Transcript

Prerequisites: Must be a High School graduate or have obtained a GED to enter the program. Healthcare Provider CPR from the American Heart Association.

Career Major Description:

Core medical terminology, anatomy and physiology as well as long term care assistant are included in this career major. This career major prepares the student to become a licensed practical nurse, an important member of the health care team who works under the supervision or direction of a registered nurse, licensed physician or dentist. Students will learn the role of the LPN and how to care for a variety of patients including geriatric, pediatric, oncology, and pre/post operative patients. Students will learn how to identify patient problems, identify appropriate interventions and evaluate nursing care. Graduates of this career major will be eligible take the National Council Licensing Examination for Practical Nurses (NCLEX-PN) and become licensed through the Oklahoma Board of Nursing.

Career Major Goal:

The program goal is to prepare safe, effective graduates to practice in the role of the Licensed Practical Nurse, who pass the NCLEX-PN.

Related Career Opportunities:

- Long Term Care Aide

Student Learning Outcomes/Role-Specific Competencies:

1. Provide patient centered care with sensitivity, empathy and respect for the diversity of human experience.
2. Work in interdisciplinary teams with other health care team members for the purpose of improving client outcomes.
3. Employ evidence-based practice by collecting patient outcomes data.
4. Apply quality improvement in carrying out basic care.
5. Apply principles of safety that reduce risk of harm to self and others.
6. Utilize informatics to provide care, reduce medical errors and support health care interventions.

DESCRIPTION OF COURSES

<u>Course #</u>	<u>Course Name</u>	<u>Theory/Lab</u>	<u>Clinical</u>	<u>Total</u>
HL00342	Core Medical Terminology	60	0	60
	Medical Terminology is designed to develop in the students a working knowledge of the language of medicine. Students acquire word building skills by learning prefixes, suffixes, roots and abbreviations. By relating terms to body systems, students identify proper uses of words in a medical environment. Knowledge of medical terminology enhances students' ability to successfully secure employment or pursue advanced education in healthcare.			
HL00046	Anatomy & Physiology	120	0	120
	Anatomy and physiology is the study of the structural complexity of the human body and its intricate functional mechanisms. The areas studied will be an integration of biology and chemistry and will include, but are not limited to: organization of the body, chemical basis for life, cells and tissues, integumentary system, skeletal system, muscular system, nervous system, endocrine system, blood, circulatory system, lymphatic and immune systems, respiratory system, digestive system and metabolism, urinary system, and reproductive systems.			
HL00004	Long Term Care Aide	75	16	91
	This course meets requirements set by the Oklahoma State Dept. of Health for Long Term Care Nurse Aide curriculum. Upon completion of this course, the student will be eligible to sit for the state certification exam.			
HL00097	Concepts of Nursing	50	0	50
	This course focuses on the use of nursing related concepts by practical nurses as providers of care and members of the discipline in collaboration with health team members. Emphasis is placed on the concepts of learning, teamwork, communication in nursing, human development, professionalism, health promotion, nursing ethics and law, and changing health care delivery systems.			
HL00098	Fundamentals of Nursing	160	0	160
	This course is an introduction to nursing care. Topics include utilizing the nursing process, performing assessment/data collection, and providing patient education. Principles and skills of nursing practice, documentation, and an introduction to physical assessment/data collection are taught. Special topics covering the care of the geriatric patient, the dying patient, the oncology patient, the pre/post operative patient, and the management of pain are included in the course. Emphasis will be placed on developing critical thinking skills, demonstrating professionalism by maintaining confidentiality, recognizing legal/ethical responsibilities, acting as a patient advocate, maintaining positive patient/colleague relationships, and by implementing appropriate standards of care.			
HL00099	Clinical I Basic Nursing	0	80	80
	The PN student will provide comfort and assistance in performing of activities of daily living for patients with common non-complicated disorders. Data collection skills will be practiced. The student will assist the client and significant others during the normal expected stages of growth and development from conception through advanced old age. Experiences will be provided that will give the student opportunities to reduce the patient's potential for developing complications or health problems related to treatments, procedures or existing conditions. Students will identify patient problems, identify appropriate interventions and evaluate nursing care to patients in both acute and extended care facilities.			

HL00100 Pharmacology and Intravenous Therapy Skills 50 0 50

This course provides instruction in basic pharmacology that is needed for safe and effective medication administration. Skills includes medication administration as well as IV therapy. Fluid and electrolyte balance will be included. Content includes components of medication preparation and administration including the essential knowledge needed to adequately contribute to the assessment and evaluation of the effect of medication on clients throughout the lifespan.

HL00101 Medical Surgical Nursing I 75 0 75

Building on concepts from previous courses, this course focuses on health management, maintenance and prevention of illness; care of the individual as a whole and deviations from the normal state of health. The administration of patient care includes using the nursing process, performing focused assessments, using critical thinking, and assisting with patient education. The systems included are integumentary, musculoskeletal, respiratory, cardiac, vascular and hematology. The concepts of patient care; treatments, pharmacology, and diet therapy are included within each system. Content is presented from a patient-centered approach based on Maslow's Hierarchy of Needs. Patient care includes consideration of physiological, cognitive, psychosocial, and spiritual needs. Consideration is also given to the impact of health issues; the potential physical and mental adjustments as well as diversional and rehabilitative activities.

HL00093 Clinical II – Medical Surgical Nursing (Part I) 0 192 192

Adult Medical Surgical Clinical focuses on the utilization of the nursing process in caring for acute care patients. The emphasis will be on prioritization, decision making, time management and critical thinking appropriate to the LPN's scope of practice. As the student progresses, more complex patient situations will be presented and they will begin to function in a role independent of the instructor. Rotations includes nursing care for patients with medical surgical problems, home health needs, geriatric nursing needs and conditions that requires visits to the medical office.

HL00102 Medical Surgical Nursing II 75 0 75

Building on concepts from previous courses, this course focuses on health management, maintenance and prevention of illness; care for the individual as a whole; and deviations from the normal state of health. Administering patient care includes use of the nursing process while performing focused assessments, using sound judgment, and providing patient education. The systems included are immunology, sensory, neurology, digestive, endocrine, urinary, and reproductive, as well as oncology nursing. The concepts of patient care, treatments, pharmacology, and diet therapy are included within each system. Content is presented from a patient-centered approach based on Maslow's Hierarchy of Needs. Patient care involves consideration of physiological, cognitive, psychosocial, and spiritual needs within a cultural framework. Consideration is also given to the impact of health issues: the potential physical and mental adjustments required, as well as any necessary diversional or rehabilitative activities.

HL00356 Clinical III – Medical Surgical Nursing (Part II) 0 192 192

Medical Surgical Clinical (Part II) is a continuation of the utilization of the nursing process in caring for acute care patients. The student will care for multiple patients during this clinical rotation. The emphasis will be on prioritization, decision making, time management and critical thinking appropriate to the LPN's scope of practice. As the student progresses, more complex patient situations will be presented, and they will begin to function in a role more independent of the instructor.

HL00087 Pediatric Nursing 60 0 60

In this course the student will learn to: relate normal growth and development, as well as, the physical, emotional and social needs of the pediatric client; apply fundamental nursing skills and principles in the care of the pediatric client and family; and describe various pediatric disorders.

HL00088 Maternal/Newborn Nursing 40 0 40

Maternal Newborn Nursing is designed to familiarize the student with the holistic approach to care for the antepartum, intrapartum, postpartum client and the neonate. The normal processes of conception, fetal development, labor and delivery, postpartum period, and family involvement will be included. The course includes the care of the normal client and newborn as well as those with complications.

HL00089 Clinical IV Maternal/Newborn, Pediatric & Mental Health 0 88 88

The PN student will assist the patient and significant others during the normal expected stages of growth and development from conception throughout the life span of the clinical environment. The PN student will provide patient care related to prevention and early detection of health problems.

HL00090 Mental Health Nursing 40 0 40

This course presents an introduction to Mental Health Nursing with a focus on the role of the practical nurse. The course begins with universal concepts needed in the care of clients experiencing a mental health alteration. An understanding of the health care needs of clients experiencing common mental health alterations is then built upon this foundation. The course concludes with mental health issues, as well as care needs, that frequently challenge the elderly.

HL00091 Transition to Practice 15 0 15

This course is designed to provide concepts to be discussed in relation to the transition from student to Licensed Practical Nurse. Beginning organization and management skills are included. The student will participate in job readiness skills.

HL00092 Clinical V - Transition to Practice 0 120 120

Transition to practice skills are enhanced as the student functions in the role of team leader. The course will prepare the student to independently assume the role of the LPN in professional practice; a preceptor rotation assists in the completion of this transition.

Career Major Total:	Theory/Lab	Clinical	Total
Adult Student:	820	688	1508

Evaluation Policy:

Test Grades (53% of final grade)

- Module Tests

Academic Grades (22% of final grade)

- Quizzes
- Assignments

Final Exam Grade (25% of final grade)

Clinical Grade (Pass/Fail)

Students who maintain an A average and pass all units may be exempt from taking the course final exam.

Grading Scale:

The grading scale as adopted by the Board of Education is as follows:

- A = 93 – 100
- B = 85 – 92
- C = 77 – 84
- F = 76 & below

Attendance Policy:

For specific information related to attendance and tardiness refer to the Practical Nursing Handbook.

Course Requirements and Expectations:

The general course requirements and expectations include:

- Completing all required coursework to demonstrate academic achievement.
- Adherence to the policies and procedures as outlined in the Great Plains Technology Center Student Handbook and the Practical Nursing Handbook.
- The ability to functionally express self, orally and/or in writing.
- Students are required to wear uniforms in the classroom and clinical setting. (Frederick students are NOT required to wear uniforms in the classroom.)
- Bending, walking and standing for long periods of time; lifting, carrying, and/or pushing equipment, supplies or patients, exceeding 25 pounds.

Student Behavior Includes:

- Being punctual and adhering to daily attendance requirements.
- Using appropriate language and effective communication skills, avoid gossip, and demonstrating patient and peer confidentiality.
- Demonstrating professionalism.
- Demonstrating a positive attitude.
- Accepting responsibility for personal actions.

NOTE: For additional information or questions regarding the GPTC School policies and procedures, please refer to the Student Handbook and/or the Instructor.

Industry Alignments:

- Oklahoma Board of Nursing (OBN)
- National Council Licensure EXamination (NCLEX)

Certification Outcomes:

Tier 1 – Certifications Recognized, Administered and/or Endorsed by Industry

- Long Term Care Nurse Aide (8607)
- NCLEX-PN (8705)

Tier 7 – National Career Readiness Certificate in Applied Mathematics, Locating Information and Reading for Information:

- Platinum Level – 6 or above in all three areas
- Gold Level – 5 or above in all three areas
- Silver Level – 4 or above in all three areas
- Bronze Level – 3 or above in all three areas

CIP Code and SOC Code Crosswalk:

- CIP Code – 51.3901
- SOC Code – 29-2061.00

Accreditation/Approval:

- Oklahoma Board of Nursing
- Oklahoma Department of Career and Technology Education
- Accreditation Commission for Education in Nursing (ACEN)
- Council on Occupational Education
- Oklahoma State Accrediting Agency

Instructional Materials:

Students are required to purchase the following list of textbooks and/or supplemental reference materials. The prices listed are approximate and subject to change.

Textbooks:

Cooper, Kim & Gosnell, Kelly. Adult Health Nursing. 7th ed. 9780323100021. St. Louis: Elsevier, 2014. (\$81.00)

Cooper, Kim & Gosnell, Kelly. Foundations of Nursing. 7th ed. 9780323100038. St. Louis: Elsevier, 2015. (\$80.00)

Davis, F.A. Taber's Medical Dictionary. 22nd ed. 9780803629776. Philadelphia: F.A. Davis Company, 2013. (\$58.00)

Doenges, Marilyn E., Mary F. Moorhouse, and Alice C. Murr. Nurse's Pocket Guide: Diagnoses, Prioritized Interventions and Rationales. 14th ed. 9780803644755. Philadelphia: F.A. Davis Company, 2016. (\$62.00)

Ehrlich, Ann. Medical Terminology for Health Professions. 8th ed. 9781305634350. Clifton Park: Delmar Cengage Learning, 2017. (\$71.00)

Gorman, Linda. Neeb's Fundamentals of Mental Health Nursing. 4th ed. 9780803629936 Philadelphia: F.A. Davis Company, 2014. (60.00)

Kee, Joyce. Laboratory and Diagnostic Tests With Nursing Implications. 9th ed. 9780133139051. Upper Saddle River: Prentice Hall Health, 2013. (\$75.00)

Kostelnick, Clare. Mosby's Textbook for LTCNAs. 7th ed. 9780323353809. St. Louis: Elsevier, 2015 (\$103.00)

Leifer, Gloria. Introduction to Maternity & Pediatric Nursing. 7th ed. 978-1455770151. St. Louis: Elsevier, 2015. (\$83.00)

Lippincott. Nursing 2016 Drug Handbook. 36th ed. 9781469887043. Philadelphia: Wolters Kluwer, 2015. (\$56.00)

Thompson, Gale. Understanding Anatomy & Physiology: A Visual, Auditory, Interactive Approach. 2nd ed. 9780803643734. Philadelphia: F.A. Davis Company, 2015. (\$71.00)