

**Florida Department of Education  
Curriculum Framework**

**Program Title:** Practical Nursing  
**Program Type:** Career Preparatory  
**Career Cluster:** Health Science

**Secondary – Career Preparatory**

Program Number	8418400
CIP Number	0351390102
Grade Level	9-12
Program Length	9 credits
Teacher Certification	Refer to the <b>Program Structure</b> section.
CTSO	HOSA
SOC Codes (all applicable)	29-2061 -- Licensed Practical and Licensed Vocational Nurses 31-1014 -- Nursing Assistants
CTE Program Resources	<a href="http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml">http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml</a>

**Purpose**

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Health Science career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of Health Science career cluster.

The content includes, but is not limited to, theoretical instruction and clinical experience in medical, surgical, obstetric, pediatric, and geriatric nursing; theoretical instruction and clinical experience in acute, care, long term care and community settings; theoretical instruction and clinical application of vocational role and function; personal, family and community health concepts; nutrition; human growth and development over the life span; body structure and function; interpersonal relationship skills, mental health concepts; pharmacology and administration of medications; legal aspects of practice; and current issues in nursing.

**Additional Information** relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

## Program Structure

This program is a planned sequence of instruction totaling nine credits.

To teach the courses listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the secondary program structure:

Course Number	Course Title	Teacher Certification	Length	SOC Code	Level	Graduation Requirement
8418410	Practical Nursing Foundations 1A	REG NURSE 7 G LPN 7 G* PRAC NURSE @7 (Must be a Registered Nurse)	1 credit	31-1014	3	CT
8418420	Practical Nursing Foundations 1B		1 credit	31-1014	3	CT
8418430	Practical Nursing Foundations 2A	REG NURSE 7 G PRAC NURSE @7 (Must be a Registered Nurse)	1 credit	29-2061	3	CT
8418440	Practical Nursing Foundations 2B		1 credit	29-2061	3	CT
8418450	Medical Surgical Nursing 1A		1 credit	29-2061	3	CT
8418460	Medical Surgical Nursing 1B		1 credit	29-2061	3	CT
8418470	Medical Surgical Nursing 2A		1 credit	29-2061	3	CT
8418480	Medical Surgical Nursing 2B		1 credit	29-2061	3	CT
8418490	Comprehensive Nursing and Transitional Skills		1 credit	29-2061	3	CT

(Graduation Requirement Codes: CT= Career & Technical Education, EQ= Equally Rigorous Science, EC= Economics, MA= Mathematics, PL= Personal Financial Literacy)

\* The LPN 7 G district issued certification is a practical nurse. This certification can only be utilized in the 8418410 and 8418420 courses when the program is an approved nursing assistant program with the Florida Board of Nursing to teach concepts, skills and experiences solely at the Certified Nursing Assistant level and scope. A practical nurse can only be utilized as an instructor of the CNA training program when they are supervised by the program coordinator, which must be a registered nurse. Please refer to 64B9-15.005, Florida Administrative Code (F.A.C), for requirements.

## Regulated Programs

This program is regulated by the Florida Board of Nursing.

This program is designed to prepare students for employment as licensed practical nurses (SOC 29-2061). The program must be approved by the Florida State Board of Nursing in order for graduates to apply to take the examination to practice as a Licensed Practical Nurse.

Please refer to 464.019(1)(b), Florida Statute (F.S.), for faculty credential requirements to teach this program.

Students are eligible to apply to take the national licensing examination after satisfactory completion of an approved program. Licensure Examination for Practical Nurses, CAT NCLEX-PN is a computer-administered examination that the nursing graduate must take and pass in order to practice as a Licensed Practical Nurse.

Clinical instruction of nursing students will meet the requirements of 464.019, F.S. Clinical experience must make up at least 50% of the total program. Simulated practice and clinical experiences are included as an integral part of this program. **Clinical Simulation may be used for no more than 50% of the total clinical experience.**

Program must comply with the State Board of Nursing rules, including faculty qualifications. For questions regarding this process, please contact: Board of Nursing, 4052 Bald Cypress Way, Tallahassee, Florida 32399-3752.

An approved licensed practical nurse supervisory education course can only be taken following completion of this program, and after licensure. The Graduate must have 6 months' clinical experience before supervising as well as meeting all other criteria listed in 64B9-16.002, F.A.C.

A Licensed Practical Nurse working in a nursing home shall qualify to supervise by meeting all of the requirements in 64B9-16.002, F.A.C. The Supervisory course applicant must have no less than six months clinical nursing experience as an LPN. The supervisory course must be approved by the Board of Nursing and must be a minimum of 30 hours in length.

**Common Career Technical Core – Career Ready Practices**

Career Ready Practices describe the career-ready skills that educators should seek to develop in their students. These practices are not exclusive to a Career Pathway, program of study, discipline or level of education. Career Ready Practices should be taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a program of study.

1. Act as a responsible and contributing citizen and employee.
2. Apply appropriate academic and technical skills.
3. Attend to personal health and financial well-being.
4. Communicate clearly, effectively and with reason.
5. Consider the environmental, social and economic impacts of decisions.
6. Demonstrate creativity and innovation.
7. Employ valid and reliable research strategies.
8. Utilize critical thinking to make sense of problems and persevere in solving them.
9. Model integrity, ethical leadership and effective management.
10. Plan education and career path aligned to personal goals.
11. Use technology to enhance productivity.
12. Work productively in teams while using cultural/global competence.

## **Standards**

After successfully completing this program, the student will be able to perform the following:

### **Practical Nursing Foundations**

- 01.0 Demonstrate knowledge of the healthcare delivery system and health occupations.
- 02.0 Recognize and practice safety, security and emergency procedures.
- 03.0 Demonstrate knowledge of blood borne diseases, including HIV/AIDS.
- 04.0 Demonstrate computer literacy as related to nursing functions.
- 05.0 Use appropriate verbal and written communications in the performance of nursing functions.
- 06.0 Demonstrate legal and ethical responsibilities specific to the nursing profession.
- 07.0 Apply the principles of infection control, utilizing nursing principles.
- 08.0 Perform aseptic and sterile techniques.
- 09.0 Perform patient and personal care as it pertains to the practical nurse.
- 10.0 Provide patient-centered care for the geriatric population.
- 11.0 Assist with restorative (rehabilitative) activities.
- 12.0 Demonstrate organizational functions, following the patient plan of care.
- 13.0 Describe the structure and function of the human body in relation to health and disease.
- 14.0 Apply principles of nutrition as it relates to Practical Nursing scope of practice.
- 15.0 Describe human growth and development across the lifespan.
- 16.0 Demonstrate the performance of nursing procedures.
- 17.0 Demonstrate how to administer medication.
- 18.0 Demonstrate how to provide bio-psycho-social support.
- 19.0 Demonstrate healthy lifestyle responsibility specific to personal health maintenance.
- 20.0 Implement education and resources for family wellness.
- 21.0 Participate in Community Health Awareness Forums.

### **Medical Surgical Nursing**

- 22.0 Demonstrate how to care for the surgical patient with a cardiovascular, respiratory, lymphatic, musculoskeletal, endocrine or integumentary disease/disorder.
- 23.0 Demonstrate how to care for pre-operative and post-operative patients, utilizing nursing principles.
- 24.0 Demonstrate how to care for the surgical patient with a gastrointestinal, neurological, urinary, reproductive or oncologic disease/disorder.

### **Comprehensive Nursing and Transitional Skills**

- 25.0 Demonstrate how to care for maternal/newborn patients, utilizing nursing principles.
- 26.0 Demonstrate knowledge of SIDS/ SUIDS as it relates to the practical nursing role.
- 27.0 Demonstrate how to care for pediatric patients, utilizing nursing principles.
- 28.0 Develop transitional skills.
- 29.0 Demonstrate employability skills specific to practical nursing.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Practical Nursing Foundations 1A  
**Course Number:** 8418410  
**Course Credit:** 1

**Course Description:**

The objectives in the course include knowledge of the health care system and professions, safety, security and emergency procedures, HIV/AIDS, computer literacy, basic communication skills, legal and ethical nursing concepts, principles of infection control and aseptic technique.

<b>CTE Standards and Benchmarks</b>	
01.0	Demonstrate knowledge of the healthcare delivery system and health occupations. The student will be able to:
01.01	Identify the basic components of the healthcare delivery system including public, private, government and non-profit.
01.02	Identify common methods of payment for healthcare services.
01.03	Describe the various types of healthcare providers and the range of services available.
01.04	Describe the composition and functions of a healthcare team.
01.05	Identify the general roles and responsibilities of the individual members of the healthcare team.
01.06	Identify the roles and responsibilities of the consumer within the healthcare delivery system.
01.07	Identify characteristics of effective teams.
01.08	Recognize methods for building positive team relationships.
01.09	Analyze attributes and attitudes of an effective leader.
01.10	Recognize factors and situations that may lead to conflict.
01.11	Demonstrate effective techniques for managing team conflict.
01.12	Describe factors that influence the current delivery system of healthcare.
01.13	Explain the impact of emerging issues including technology, epidemiology, bioethics and socioeconomics on healthcare delivery systems.
02.0	Recognize and practice safety, security, and emergency procedures. The student will be able to:

CTE Standards and Benchmarks	
02.01	Recognize safe and unsafe working conditions and report safety hazards.
02.02	Demonstrate the safe use of medical equipment.
02.03	Explain and apply the theory of root- cause analysis.
02.04	Identify and describe methods in medical error reduction and prevention in the various healthcare settings.
02.05	Identify and practice security procedures for medical supplies and equipment.
02.06	Demonstrate personal safety procedures based on Occupations Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations including standard precautions.
02.07	Recognize Safety Data Sheets (SDS) and comply with safety signs, symbols and labels.
02.08	Demonstrate proper body mechanics and ergonomics.
02.09	Demonstrate the procedure for properly identifying patients.
02.10	Demonstrate procedures for the safe transport and transfer of patients.
02.11	Describe fire, safety, disaster, active shooter, and evacuations procedures.
02.12	Discuss the Joint Commission patient safety goals ( <a href="http://www.jointcommission.org">www.jointcommission.org</a> ) and any other applicable accrediting/regulatory agency guidelines.
02.13	Describe legal parameters relating to the administration of emergency care.
02.14	Obtain and maintain training or certification on cardiopulmonary resuscitation (CPR), automated external defibrillator (AED), foreign body airway obstruction (FBAO) and first aid.
03.0	Demonstrate knowledge of blood borne diseases, including HIV/AIDS. The student will be able to:
03.01	Recognize emerging diseases and disorders.
03.02	Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood borne pathogens.
03.03	Identify community resources and services available to the individuals with diseases caused by blood borne pathogens.
03.04	Identify “at risk” behaviors which promote the spread of diseases caused by blood borne pathogens and the public education necessary to combat the spread of these diseases.
03.05	Apply infection control techniques designed to prevent the spread of diseases caused by blood borne pathogens to the care of all patients following Centers for Disease Control (CDC) guidelines.
03.06	Demonstrate knowledge of the legal aspects of HIV/AIDS, including testing.

<b>CTE Standards and Benchmarks</b>	
04.0	Demonstrate computer literacy as related to nursing functions. The student will be able to:
04.01	Demonstrate effective use of technology, including use of electronic medical records and email relevant to job requirements for a Licensed Practical Nurse.
04.02	Identify computer skills utilized for each clinical rotation and apply, as appropriate.
04.03	Identify methods of communication to access and distribute data such as fax, e-mail and internet as related to HIPAA.
05.0	Use appropriate verbal and written communications in the performance of nursing functions. The student will be able to:
05.01	Identify characteristics of successful and unsuccessful communication including communication styles and barriers.
05.02	Respond to verbal and non-verbal cues.
05.03	Use approved medical terminology and abbreviations.
05.04	Recognize the importance of courtesy and respect for patients and other healthcare workers and maintain good interpersonal relationships.
05.05	Receive and give oral report using safe handoff of patient's status.
05.06	Report and record objective and subjective pertinent observations.
05.07	Maintain current documentation.
05.08	Document changes in patient behavior and mental awareness in a timely manner.
05.09	Obtain specified data from patient and family.
05.10	Define and explain the steps in the nursing process and the role of the licensed practical nurse in that process.
05.11	Utilize nursing principles to assist with the patient's plan of care.
06.0	Demonstrate legal and ethical responsibilities specific to the nursing profession. The student will be able to:
06.01	Explain the "Patient's Bill of Rights".
06.02	Identify standards of the Health Insurance Portability and Accountability Act (HIPAA).
06.03	Describe advance directives.
06.04	Describe informed consent.
06.05	Recognize and report all forms of abuse to include domestic violence (physical & verbal), neglect and human trafficking.



CTE Standards and Benchmarks	
06.06	Identify the components of the Nurse Practice Act.
06.07	Practice within the role and scope of the job description.
06.08	Discuss medical errors related to the practical nurse.
06.09	Define legal aspects and code of ethics related to nursing.
06.10	Describe the practical nurses' role in delegation of duties.
06.11	Follow policies and procedures affecting the health, safety, and well-being of patients.
06.12	Follow legal guidelines in charting, including use of electronic medical records.
07.0	Apply the principles of infection control, utilizing nursing principles. The student will be able to:
07.01	Provide care for patients with infectious diseases applying the principles of "Standard Precautions" utilized with all patients as well as special procedures required.
07.02	Perform and promote effective hand hygiene.
07.03	Set up isolation unit using proper personal protective equipment (PPE) for all types of isolation including donning and removing PPE appropriately.
07.04	Follow isolation procedure with food tray, garments, and other materials.
07.05	Collect specimen from patient in isolation.
07.06	Identify common hospital acquired infections and their prevention and treatment.
07.07	Identify emergent communicable diseases and their prevention and treatment.
07.08	Apply interventions to break each chain of infection.
07.09	Discuss immunity and the role of immunizations.
07.10	Discuss nursing responsibilities related to biological exposures.
08.0	Perform aseptic and sterile techniques. The student will be able to:
08.01	Apply principles of medical and surgical asepsis.
08.02	Apply and remove sterile gloves.
08.03	Apply sterile dressing.

**CTE Standards and Benchmarks**

08.04 Open sterile equipment and supplies.

08.05 Maintain sterile field.

08.06 Clean and disinfect equipment.

08.07 Apply and remove personal protective equipment (PPE).

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Practical Nursing Foundations 1B  
**Course Number:** 8418420  
**Course Credit:** 1

**Course Description:**

This course is a continuation of Practical Nursing Foundations 1A. The objectives in the course include basic nursing care procedures, geriatric care, restorative activities, organizational functions, structure and function of the body system across the lifespan and nutrition.

Laboratory and clinical experiences are an integral part of this course.

<b>CTE Standards and Benchmarks</b>	
09.0	Perform patient and personal care as it pertains to the practical nurse. The student will be able to:
09.01	Demonstrate ability to accurately measure, document and report vital signs.
09.02	Lift, hold, and transfer patients including the use of the various assistive devices and equipment, utilizing proper body mechanics and patient safety measures.
09.03	Provide basic nursing care.
09.04	Perform patient hygiene care.
09.05	Assist patient with activities of Daily Living (ADL) including: <ul style="list-style-type: none"> <li>• Dressing</li> <li>• Meals</li> <li>• Bowel and bladder training</li> <li>• Perineal/catheter care</li> <li>• Make unoccupied/occupied bed</li> <li>• Passive range of motion exercises</li> </ul>
09.06	Assist patient with both donning and doffing prosthesis and brace.
09.07	Demonstrate care for eyeglasses, prosthetic eyes and contact lens.
10.0	Provide patient-centered care for the geriatric population. The student will be able to:
10.01	Incorporate professional attitudes, values, and expectations about physical and mental aging in the provision of patient-centered care for older adults and their families.

CTE Standards and Benchmarks	
10.02	Identify barriers for older adults in receiving, understanding, and giving of information.
10.03	Use valid and reliable assessment performed by registered nurse/LPN to guide nursing practice for older adults.
10.04	Recognize safe living environments as it relates to functional, physical, cognitive, psychological, and social needs of older adults.
10.05	Assist older adults and their support network to achieve personal goals, based on the analysis of the living environment and availability of community resources.
10.06	Identify actual or potential mistreatment (physical, mental or financial abuse, and/or self-neglect) in older adults and report appropriately.
10.07	Implement strategies and use online guidelines to prevent and/or identify and manage geriatric syndromes.
10.08	Recognize and respect the variations of care, the increased complexity, and the increased use of healthcare resources inherent in caring for older adults.
10.09	Recognize the complex interaction of acute and chronic co-morbid physical and mental conditions and associated treatments common to older adults.
10.10	Discuss models of care that promote safe, quality physical and mental health care for older adults such as PACE, NICHE, Guided Care, Culture Change, and Transitional Care Models.
10.11	Facilitate ethical, non-coercive decision making by older adults and/or families/caregivers for maintaining everyday living, receiving treatment, initiating advance directives, and implementing end-of-life care.
10.12	Assist registered nurse to promote adherence to the evidence-based practice of providing restraint-free care (both physical and chemical restraints).
10.13	Demonstrate leadership and communication techniques that foster discussion and reflection on the extent to which diversity (among nurses, nurse assistive personnel, therapists, physicians, and patients) has the potential to impact the care of older adults.
10.14	Facilitate safe and effective transitions across levels of care, including acute, community-based, and long-term care (e.g., home, assisted living, hospice, skilled nursing facility) for older adults and their families.
10.15	Provide patient-centered care with consideration for mental and physical health and well-being of informal and formal caregivers of older adults.
10.16	Advocate for timely and appropriate palliative and hospice care for older adults with physical and cognitive impairments.
10.17	Implement and monitor strategies to prevent risk and promote quality and safety (e.g., falls, medication mismanagement, pressure ulcers) in the nursing care of older adults with physical and cognitive needs.
10.18	Utilize resources/programs to promote functional, physical, and mental wellness in older adults.
10.19	Identify relevant theories and concepts related to the delivery of patient-centered care for older adults.
10.20	Apply reality orientation techniques and validation therapy unless it is contraindicated by the patient diagnosis (Alzheimers or Dementia).

<b>CTE Standards and Benchmarks</b>	
10.21	Recognize and respond appropriately to symptoms of common diseases, including dementia, depression/suicide and Alzheimers.
10.22	Provide care for patients with special needs (e.g., impaired hearing, impaired vision, immobility, impaired body functions, cognitively impaired (dementia)).
10.23	Demonstrate awareness of common behaviors in substance use and abuse in the elderly.
10.24	Report concerns to the nurse related to substance use and abuse in the elderly patient.
10.25	Identify components of the grief process as it relates the geriatric patient.
10.26	Identify factors predisposing aging adults for suicide.
11.0	Assist with restorative (rehabilitative) activities. The student will be able to:
11.01	List the purposes of restorative (rehabilitation) program.
11.02	Assist patient with specified restorative (rehabilitation) needs.
11.03	Assist patients/residents to reach the optimum level of independence.
12.0	Demonstrate organizational functions following the patient plan of care. The student will be able to:
12.01	Organize patient-care assignments.
12.02	Complete assignments accurately and in a timely manner.
13.0	Describe the structure and function of the human body in relation to health and disease. The student will be able to:
13.01	Describe the relationships of body systems to health and disease as it relates to patient care.
13.02	Describe the structure and function of the respiratory system.
13.03	Describe the structure and function of the cardio-vascular system including lymph and immune response.
13.04	Describe the structure and function of the muscular-skeletal system.
13.05	Describe the structure and function of the nervous, skin, and sensory systems.
13.06	Describe the structure and function of the reproductive system.
13.07	Describe the structure and function of the urinary system.
13.08	Describe the structure and function of the digestive system.

CTE Standards and Benchmarks	
13.09	Describe the structure and function of the endocrine system.
14.0	Apply principles of nutrition as it relates to practical nursing scope of practice. The student will be able to:
14.01	Explore and utilize the U.S. Department of Agriculture's MyPlate Food Guide ( <a href="http://www.choosemyplate.gov">www.choosemyplate.gov</a> ).
14.02	Explain regional, cultural, and religious food references.
14.03	Prepare a basic food plan.
14.04	Demonstrate knowledge of the need for thickened liquids and fluid consistency.
14.05	Identify methods of maintaining fluid balance including encouraging and restricting fluids.
14.06	Monitor and document nutritional intake.
14.07	Assist patient with and maintain therapeutic diets.
14.08	Describe the nutrients, their sources and significance in promoting health.
14.09	List factors which must be considered when purchasing food.
14.10	List factors which must be considered when storing food safely.
14.11	Identify methods of safe food preparation.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Practical Nursing Foundations 2A  
**Course Number:** 8418430  
**Course Credit:** 1

**Course Description:**

The objectives in the course include growth and development across the lifespan, performance of nursing procedures, pharmacology, mental health, healthy lifestyle and education for family and community awareness.

<b>CTE Standards and Benchmarks</b>	
15.0	Describe human growth and development across the lifespan. The student will be able to:
15.01	Describe characteristics of growth and development from conception to birth.
15.02	Describe characteristics of growth and development from birth through preschool.
15.03	Describe characteristics of growth and development from school age through adolescence.
15.04	Describe characteristics of growth and development of the adult through the life span.
15.05	Identify components of the grief process across the lifespan.
16.0	Demonstrate the performance of nursing procedures (which can be accomplished through a combination of simulation, laboratory and clinical settings in accordance with 464.019, F.S.). The student will be able to:
16.01	Perform data collection.
16.02	Apply hot and cold applications.
16.03	Assist patient with sitz bath.
16.04	Describe and demonstrate how to monitor patient's pre and post special procedures (e.g., I.V.P., myelogram, MRI, CAT scan).
16.05	Apply bandage as appropriate.
16.06	Perform clean and sterile dressing changing procedures.
16.07	Insert straight/indwelling catheter.
16.08	Obtain specimen from patient with indwelling catheter.

CTE Standards and Benchmarks	
16.09	Remove indwelling catheter.
16.10	Demonstrate how to assist with physical examination.
16.11	Assist patient with diagnostic procedures.
16.12	Irrigate wound.
16.13	Apply cervical collar.
16.14	Apply orthopedic devices including binders, braces and splints.
16.15	Apply anti-embolic hose and sequential compression devices.
16.16	Care for patient in skin, skeletal traction and external fixators.
16.17	Clean tong/pin site.
16.18	Describe and demonstrate how to monitor chest drainage system.
16.19	Perform naso-oral suction.
16.20	Perform tracheostomy care.
16.21	Demonstrate how to instruct patient in breathing exercises.
16.22	Set up vaporizer/humidifier.
16.23	Administer and maintain oxygen.
16.24	Collect timed urine specimen.
16.25	Collect clean-catch (midstream-voided) urine specimen.
16.26	Test urine using point of care testing procedures.
16.27	Irrigate urinary catheter.
16.28	Demonstrate how to maintain continuous urinary bladder irrigation.
16.29	Change ostomy appliance.
16.30	Connect nasogastric tube to suction machine.



CTE Standards and Benchmarks	
16.31	Remove nasogastric tube.
16.32	Administer enteral feeding.
16.33	Administer enema.
16.34	Test stool for occult blood.
16.35	Irrigate nasogastric tube.
16.36	Irrigate oral cavity.
16.37	Irrigate colostomy.
16.38	Demonstrate how to maintain enteral feeding tubes.
16.39	Perform neurological checks.
16.40	Logroll patient.
16.41	Irrigate ear.
16.42	Irrigate eye.
16.43	Obtain and test a drop of blood for glucose monitoring.
16.44	Perform IV calculations.
16.45	Observe intravenous infusion and report signs of adverse reactions.
16.46	Inspect insertion site and remove IV needle or catheter from peripheral veins.
16.47	Hang bags or bottles of hydrating fluid.
17.0	Demonstrate how to administer medication (which can be accomplished through a combination of simulation, laboratory and clinical settings in accordance with 464.019, F.S.). The student will be able to:
17.01	Identify controlled substances and associated legal and safety issues.
17.02	Demonstrate accurate dosage calculation.
17.03	Demonstrate the six rights of administering medication.
17.04	Demonstrate how to observe and respond to patient's need for medication.

CTE Standards and Benchmarks	
17.05	Demonstrate how to administer topical medication.
17.06	Administer inhalants.
17.07	Administer oral medication.
17.08	Administer sublingual medication.
17.09	Administer rectal medication.
17.10	Administer vaginal medication.
17.11	Administer eye medications.
17.12	Administer eardrops.
17.13	Administer nose drops.
17.14	Administer intramuscular injection (including Z-tract).
17.15	Administer intradermal injection.
17.16	Administer subcutaneous injection.
17.17	Properly obtain, monitor and document use of controlled substances.
17.18	Instill bladder medication.
17.19	Care for equipment and supplies used to administer medications.
17.20	Assist the patient with safe self-administration of medications; reinforce teaching by the nurse on the patient's medication, their expected effects and potential side effects.
17.21	Observe and communicate effects of medications to the patient's assigned nurse.
17.22	Document administration of medication and patient's response on medical record.
17.23	Store medications properly according to facility policy and procedures.
17.24	Demonstrate use of medication resources.
18.0	Demonstrate how to provide bio-psycho-social support (which can be accomplished through a combination of simulation, laboratory and clinical settings in accordance with 464.019, F.S.). The student will be able to:
18.01	Discuss family roles and their significance to health.

CTE Standards and Benchmarks	
18.02	Respond to emotional needs of patient and family.
18.03	Demonstrate therapeutic communication.
18.04	Discuss coping mechanisms as seen in the performance of healthcare.
18.05	Differentiate between mental health and mental illness.
18.06	Recognize signs and symptoms of the various mental health disorders.
18.07	Discuss treatment modalities for the various mental health disorders.
18.08	Recognize the signs and symptoms for potential suicide and homicidal ideations in the patient and initiate appropriate interventions.
18.09	Describe treatments and resources for the addicted client.
18.10	Describe drug seeking behaviors and resources for potential risk of addiction.
18.11	Identify an individual in crisis and describe appropriate interventions.
18.12	Describe the common personality traits in mental health disorders including addictive behaviors.
18.13	Correlate common psychological and developmental theories with both bio- and psychosocial components of health.
18.14	Utilize verbal de-escalation techniques for agitated patients.
19.0	Demonstrate healthy lifestyle responsibility specific to personal health maintenance. The student will be able to:
19.01	Identify psychological reactions to illness including defense mechanisms.
19.02	Identify complementary and alternative health practices.
19.03	Discuss the adverse effects of the use of alcohol, tobacco, and both legal and illegal drugs on the human body and apply safety practices related to these and other high risk behaviors.
19.04	Explain the basic concepts of positive self-image, wellness and stress.
19.05	Develop a wellness and stress control plan that can be used in personal and professional life.
19.06	Discuss annual medical screenings.
19.07	Define dental health and self-care practices.
19.08	Provide education in warning signs and risk factors for mental health issues.

CTE Standards and Benchmarks	
19.09	Apply cultural diversity related to spirituality. Acknowledge cultural diversity and/or spirituality when providing patient care.
19.10	Identify education level.
20.0	Implement education and resources for family wellness. The student will be able to:
20.01	Discuss risk factors in communicable diseases.
20.02	Provide information on community resources for prenatal care.
20.03	Provide current immunization practices.
20.04	Discuss healthy nutrition options and resources.
20.05	Provide information on abuse and neglect in relationships.
21.0	Participate in community health awareness forums. The student will be able to:
21.01	Perform basic medical screenings such as vital signs, weight, glucose, cholesterol and body mass index.
21.02	Discuss risk factors, screenings and resources for cancer.
21.03	Identify and provide resources for mental health conditions including suicide and substance abuse.
21.04	Discuss collaborative community strategies from healthcare providers, law enforcement agencies, religious affiliates, education systems and legislative offices.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Practical Nursing Foundations 2B  
**Course Number:** 8418440  
**Course Credit:** 1

**Course Description:**

This course is a continuation of Practical Nursing Foundation 2A and may be concurrent with Practical Nursing Foundation 2A. Clinical experiences will allow the student to practice the role of the practical nurse as a member of the health team and to participate in the health and wellness aspects of the patient and family.

The clinical experience provides the student with the opportunity to build on acquired knowledge and skills, to practice and develop skills in selected procedures, including administration of medications, to apply nursing principles in meeting the needs of medical surgical patients including the aged and/or chronically ill patient, and practice and understand the role of the practical nurse. It reinforces and expands practice with common diseases included in Practical Nursing Foundations 1.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Medical Surgical Nursing 1A  
**Course Number:** 8418450  
**Course Credit:** 1

**Course Description:**

The objectives in the course include Medical/ Surgical Nursing procedures for the following body systems: Circulatory/ Cardiovascular, Respiratory, Lymphatic/Immune, Musculoskeletal, Endocrine, and Integumentary/Sensory and care for the Pre- Op and Post- Op patient.

<b>CTE Standards and Benchmarks</b>	
22.0	Demonstrate how to care for the surgical patient with a cardiovascular, respiratory, lymphatic, musculoskeletal, endocrine, or integumentary disease/disorder (which can be accomplished through a combination of simulation, laboratory and clinical settings in accordance with 464.019, F.S.). The student will be able to:
22.01	Identify signs and symptoms of disease/disorders of the body systems.
22.02	Identify diagnostic tests used to determine diseases/disorders of the body systems.
22.03	Identify medications used in the treatment of diseases/disorders of the body systems.
22.04	Identify nutritional needs of patients with diseases/disorders of the body systems.
22.05	Identify the symptoms of acute/chronic psychological distress.
22.06	Care for the patient with a: <ul style="list-style-type: none"> <li>• Cardiovascular/Circulatory disease/disorder</li> <li>• Respiratory disease/disorder</li> <li>• Lymphatic/Immune disease/disorder</li> <li>• Musculoskeletal disease/disorder</li> <li>• Endocrine disease/disorder</li> <li>• Integumentary/Sensory disease/disorder</li> </ul>
23.0	Demonstrate how to care for pre-operative and post-operative patients, utilizing nursing principles (which can be accomplished through a combination of simulation, laboratory, and clinical settings in accordance with 464.019, F.S.). The student will be able to:
23.01	Assist the RN with pre-operative and post-operative teaching.
23.02	Perform a surgical prep.
23.03	Prepare patient for operating room.

**CTE Standards and Benchmarks**

23.04 Provide post-operative care.

23.05 Reinforce post-operative discharge teaching provided by the nurse.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Medical Surgical Nursing 1B  
**Course Number:** 8418460  
**Course Credit:** 1

**Course Description:**

This course is a continuation of Medical Surgical Nursing 1A and may be concurrent with Medical Surgical Nursing 1A. Clinical experiences will allow the student to practice the role of the practical nurse as a member of the health team and to participate in the health and wellness aspects of the patient and family.

The clinical experience provides the student with the opportunity to build on acquired knowledge and skills, to practice and develop skills in selected procedures, including administration of medications, to apply nursing principles in meeting the needs of medical surgical patients, the aged and/or chronically ill patient, and practice and understand the role of the practical nurse.



**Florida Department of Education  
Student Performance Standards**

**Course Title:** Medical Surgical Nursing 2A  
**Course Number:** 8418470  
**Course Credit:** 1

**Course Description:**

The objectives in the course include Medical Surgical Nursing procedures for the following body systems: Gastrointestinal, Neurological, Urinary and Reproductive or Oncologic.

<b>CTE Standards and Benchmarks</b>	
24.0	Demonstrate how to care for the surgical patient with a gastrointestinal, neurological, urinary, reproductive, or oncologic disease/disorder (which can be accomplished through a combination of simulation, laboratory and clinical settings in accordance with 464.019, F.S.). The student will be able to:
24.01	Identify signs and symptoms of disease/disorders of the body systems.
24.02	Identify diagnostic tests used to determine diseases/disorders of the body systems.
24.03	Identify medications used in the treatment of diseases/disorders of the body systems.
24.04	Identify nutritional needs of patients with diseases/disorders of the body systems.
24.05	Identify the symptoms of acute/chronic psychological distress.
24.06	Care for the patient with a: <ul style="list-style-type: none"> <li>• Gastrointestinal disease/disorder</li> <li>• Neurological disease/disorder</li> <li>• Urinary disease/disorder</li> <li>• Reproductive disease/disorder</li> <li>• Oncologic disease/disorder</li> </ul>

**Florida Department of Education  
Student Performance Standards**

**Course title:** Medical Surgical Nursing 2B  
**Course number:** 8418480  
**Course credit:** 1

**Course Description:**

This course is a continuation of Medical Surgical Nursing 2A and may be concurrent with Medical Surgical Nursing 2A. Clinical experiences will allow the student to practice the role of the practical nurse as a member of the health team and to participate in the health and wellness aspects of the patient and family.

The clinical experience provides the student with the opportunity to build on acquired knowledge and skills, to practice and develop skills in selected procedures, including administration of medications, to apply nursing principles in meeting the needs of medical surgical patients, the aged and/or chronically ill patient, and practice and understand the role of the practical nurse.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Comprehensive Nursing and Transitional Skills  
**Course Number:** 8418490  
**Course Credit:** 1

The objectives in this course include obstetrics care, SUIDS education for patients, pediatric care, and graduate transition and employability skills for the practical nurse.

The clinical experience provides the student with the opportunity to build on acquired knowledge and skills, to practice and develop skill in selected procedures, to apply nursing principles in meeting the needs of the obstetrical patient and the newborn, the child and the elderly patient and to practice the role of the practical nurse as a member of the health team and to participate in the health and wellness aspects of the patient and family.

<b>CTE Standards and Benchmarks</b>	
25.0	Demonstrate how to care for maternal/newborn patients, utilizing nursing principles (which can be accomplished through a combination of simulation, laboratory and clinical settings in accordance with 464.019, F.S.). The student will be able to:
25.01	Describe prenatal care and normal development of the fetus.
25.02	Identify complications and interventions during pregnancy.
25.03	Describe how to assist the RN with admitting the patient to labor and delivery.
25.04	Describe the stages of the labor process and nursing responsibilities.
25.05	Describe the importance of monitoring contractions.
25.06	Recognize the importance of monitoring fetal heart rate.
25.07	Recognize signs/symptoms of fetal distress.
25.08	Describe signs of complications during labor and delivery and nursing interventions.
25.09	Demonstrate how to assist the RN with preparing the patient for Caesarean.
25.10	Describe and demonstrate care during delivery process.
25.11	Describe Apgar score.
25.12	Demonstrate how to suction infant's respiratory passage with bulb syringe.

CTE Standards and Benchmarks	
25.13	Demonstrate how to identify infant using mother's bracelet.
25.14	Demonstrate how to weigh and measure infant.
25.15	Demonstrate how to bathe infant.
25.16	Demonstrate how to carry infant.
25.17	Demonstrate how to feed infant.
25.18	Demonstrate how to collect urine specimen from infant.
25.19	Describe post- partum care.
25.20	Demonstrate perineal care.
25.21	Describe breast care for both breast feeding and bottle feeding mothers.
25.22	Assist mother with infant care.
25.23	Describe the care required for an infant with a circumcision.
25.24	Demonstrate perineal care and diapering technique.
25.25	Describe the discharge process of the postpartum and infant patient.
26.0	Demonstrate knowledge of SIDS/SUIDS as it relates to the practical nursing role. The student will be able to:
26.01	Define SIDS and Sudden Unexpected Infant Death (SUID).
26.02	Identify the critical SIDS/SUID risk-reduction methods for parents and caregivers.
26.03	Demonstrate an understanding of the benefits of back sleeping for newborns and infants.
26.04	Describe the LPN's key role as educators to parents and caregivers about SIDS/SUID.
27.0	Demonstrate how to care for pediatric patients, utilizing nursing principles (which can be accomplished through a combination of simulation, laboratory and clinical settings in accordance with 464.019, F.S.). The student will be able to:
27.01	Describe how to adapt nursing care for the pediatric patient.
27.02	Describe how to apply safety principles for the pediatric patient.
27.03	Describe general characteristics, particular needs and problems of pediatric patients.

CTE Standards and Benchmarks	
27.04	Demonstrate how to prepare patient and family for the hospital experience.
27.05	Identify signs and symptoms of common disorders/diseases.
27.06	Demonstrate how to implement prescribed nutritional requirement.
27.07	Demonstrate how to provide diversion and recreational activities.
28.0	Develop transitional skills. The student will be able to:
28.01	Organize complex patient care assignments with multiple clients.
28.02	Discuss 464, F.S. and the corresponding Rules.
28.03	Discuss the scope of practice of a Licensed Practical Nurse in a leadership/supervisory role.
28.04	Describe the role of the LPN in delegation to unlicensed personnel.
28.05	Describe the Florida Board of Nursing requirements for licensure renewal including multi-state licensure.
28.06	Demonstrate an understanding of licensure by examination and by endorsement.
28.07	Complete application for licensure by examination.
28.08	Discuss current legislation pertinent to the Florida Board of Nursing and its effect on your nursing practice.
28.09	Determine how to apply for membership in a professional organization.
28.10	Discuss benefits and responsibilities of the LPN in membership in a professional organization.
29.0	Demonstrate employability skills specific to practical nursing. The student will be able to:
29.01	Identify personal traits or attitudes desirable in a member of the healthcare team.
29.02	Exemplify basic professional standards of healthcare workers as they apply to hygiene, dress, language, confidentiality and behavior (i.e., telephone etiquette, courtesy and self-introductions).
29.03	Recognize the potential for stress in the practice of nursing and develop methods of managing stress.
29.04	Recognize the potential for violence in the workplace and describe methods of reducing that potential.
29.05	Identify employment opportunities for licensed practical nurses.
29.06	Participate in interview skill development activities.

CTE Standards and Benchmarks	
29.07	Complete letters of job application and resignation.
29.08	Complete a professional portfolio, including a resume.

## Additional Information

### **Laboratory Activities**

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Clinical courses require contact hours in the clinical setting in order to complete the health science program. Hospitals, nursing homes, and other clinical facilities with clinical affiliation agreements limit the number of students that can rotate and/or be on site at one time. Most facilities, including hospitals and nursing homes, limit the number of students to 15. Due to these industry limitations, it is recommended that the student ratio be 15:1 (student/teacher) based on the clinical facilities that students attend to for clinical training.

### **Florida Standards for English Language Development (ELD)**

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.ELL.SI.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition at [sala@fldoe.org](mailto:sala@fldoe.org).

### **Special Notes**

This program meets the Department of Health's education requirements for HIV/AIDS, Domestic Violence and Prevention of Medical Errors. Although not a requirement for initial licensure, it is a requirement for renewal; therefore, the instructor **may** provide a certificate for renewal purposes to the student verifying these requirements have been met.

If students in this program are seeking a licensure, certificate or registration through the Department of Health, please refer to 456.0635, F.S. for more information on disqualification for a license, certificate or registration through the Department of Health.

This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the health care industry; planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues.

**Career and Technical Student Organization (CTSO)**

HOSA: Future Health Professionals is the co-curricular career and technical student organization providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

**Cooperative Training – OJT**

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

**Accommodations**

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Some secondary students with disabilities (ESE) may need additional time (i.e., longer than the regular school year), to master the student performance standards associated with a regular course or a modified course. If needed, a student may enroll in the same career and technical course more than once. Documentation should be included in the IEP that clearly indicates that it is anticipated that the student may need an additional year to complete a Career and Technical Education (CTE) course. The student should work on different competencies and new applications of competencies each year toward completion of the CTE course. After achieving the competencies identified for the year, the student earns credit for the course. It is important to ensure that credits earned by students are reported accurately. The district's information system must be designed to accept multiple credits for the same course number for eligible students with disabilities.