Florida Department of Education
Curriculum Framework

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

Career Certificate Program		
Program Number	H170607	
CIP Number	0351390101	
Grade Level	30, 31	
Program Length	1350 hours	
Teacher Certification	Refer to the **Program Structure** section.	
CTSO	HOSA	
SOC Codes (all applicable)	Please see the CIP to SOC Crosswalk located at the link below.	
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml	
Basic Skills Level	Computation (Mathematics):11	Communications (Reading and Language Arts): 11

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.

This program is designed to prepare students for employment as Licensed Practical Nurses. 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.

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 consisting of 2 occupational completion points.

This program is comprised of courses that have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section (s.) 1007.24(1), Florida Statutes (F.S.). Career and Technical credit shall be awarded to the student on a transcript in accordance with s. 1001.44(3)(b), F.S.

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 postsecondary program structure:

OCP	Course Number	Course Title	Teacher Certification	Length
A	PRN0098	Practical Nursing Foundations 1	REG NURSE 7 G LPN 7 G * PRAC NURSE @7 (Must be a Registered Nurse)	300 hours
B	PRN0099	Practical Nursing Foundation 2	REG NURSE 7 G PRAC NURSE @7 (Must be a Registered Nurse)	300 hours
	PRN0290	Medical Surgical Nursing 1		300 hours
	PRN0291	Medical Surgical Nursing 2		300 hours
	PRN0690	Comprehensive Nursing and Transitional Skills		150 hours

**** The LPN 7 G district issued certification is a practical nurse. This certification can only be utilized in the PRN0098 course 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 who must be a registered nurse. Please refer to 64B9-15.005, F.A.C., for requirements.***

Regulated Programs

Please refer to 464.019(1)(b), 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.

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, FL 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.S.

A Licensed Practical Nurse working in a nursing home shall qualify to supervise by meeting all of the requirements in 64B9-16.002, F.S. 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.

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.**

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:

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 Perform patient and personal care as it pertains to the practical nurse.
05.0 Provide patient-centered care for the geriatric population.
06.0 Assist with restorative (rehabilitative) activities.
07.0 Demonstrate organizational functions, following the patient plan of care.
08.0 Demonstrate computer literacy as related to nursing functions.
09.0 Use appropriate verbal and written communications in the performance of nursing functions.
10.0 Demonstrate legal and ethical responsibilities specific to the nursing profession.
11.0 Apply the principles of infection control, utilizing nursing principles.
12.0 Perform aseptic and sterile techniques.
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.
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.
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.

LPN/IV Therapy: The following outcomes can only be taken by practical nurses who have graduated from their practical nursing program. The LPN/IV education must be sponsored by a provider of continuing education courses approved by the Board of Nursing pursuant to Rule 64B9, F.A.C. To be qualified to teach this module, the instructor must be a currently Florida licensed Registered Nurse with teaching experience and

nursing experience which includes IV therapy. The provider will be responsible for issuing a certificate verifying the requisite number of hours and course content.

In accordance with Rule 64B9-12.005, F.A.C., the module cannot be less than 30 hours post-graduate level. These outcomes must be followed by supervised clinical practice as needed to demonstrate clinical competence. Verification of competence shall be the responsibility of each employing institution. Such verification shall be given through a signed statement from a Florida licensed registered nurse.

LPN/IV Therapy:

01.0 Explain the legal aspects of IV administration by practical nurses to include the policies and procedures of the institution and appropriate documentation.
02.0 Demonstrate knowledge of the peripheral veins used for venipuncture.
03.0 Perform a venipuncture.
04.0 Discuss the effect of IV therapy on the body.
05.0 Recognize and respond to adverse reactions to IV therapy.
06.0 Recognize and use various types of IV equipment.
07.0 Administer drugs intravenously.
08.0 Care for patients receiving IV drug therapy, blood and blood components and/or parenteral nutrition.
09.0 Describe and utilize the principles of infection control in IV therapy.
10.0 Manage special IV therapy procedures.
11.0 Recognize terminology pertinent to IV therapy.
12.0 Care for the patient receiving IV therapy via central lines.

Florida Department of Education
Student Performance Standards

Program Title: Practical Nursing
Career Certificate Program Number: H170607

Course Number: PRN0098
Occupational Completion Point: A
Practical Nursing Foundations 1 – 300 Hours

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:
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 (www.jointcommission.org) 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.
04.0	Perform patient and personal care as it pertains to the practical nurse. The student will be able to:	
	04.01	Demonstrate ability to accurately measure, document and report vital signs.
	04.02	Lift, hold, and transfer patients including the use of the various assistive devices and equipment, utilizing proper body mechanics and patient safety measures.

	04.03 Provide basic nursing care.
	04.04 Perform patient hygiene care.
	04.05 Assist patient with activities of Daily Living (ADL) including: • dressing • meals • bowel and bladder training • perineal/catheter care • make unoccupied/occupied bed • passive range of motion exercises
	04.06 Assist patient with both donning and doffing prosthesis and brace.
	04.07 Demonstrate care for eyeglasses, prosthetic eyes and contact lens.
05.0	Provide patient-centered care for the geriatric population. The student will be able to:
	05.01 Incorporate professional attitudes, values and expectations about physical and mental aging in the provision of patient-centered care for older adults and their families.
	05.02 Identify barriers for older adults in receiving, understanding, and giving of information.
	05.03 Use valid and reliable assessment performed by registered nurse/LPN to guide nursing practice for older adults.
	05.04 Recognize safe living environments as it relates to functional, physical, cognitive, psychological and social needs of older adults.
	05.05 Assist older adults and their support network to achieve personal goals, based on the analysis of the living environment and availability of community resources.
	05.06 Identify actual or potential mistreatment (physical, mental or financial abuse, and/or self-neglect) in older adults and report appropriately.
	05.07 Implement strategies and use online guidelines to prevent and/or identify and manage geriatric syndromes.
	05.08 Recognize and respect the variations of care, the increased complexity and the increased use of healthcare resources inherent in caring for older adults.
	05.09 Recognize the complex interaction of acute and chronic co-morbid physical and mental conditions and associated treatments common to older adults.
	05.10 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.
	05.11 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.
	05.12 Assist registered nurse to promote adherence to the evidence-based practice of providing restraint-free care (both physical and chemical restraints).

	05.13 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.
	05.14 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.
	05.15 Provide patient-centered care with consideration for mental and physical health and well-being of informal and formal caregivers of older adults.
	05.16 Advocate for timely and appropriate palliative and hospice care for older adults with physical and cognitive impairments.
	05.17 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.
	05.18 Utilize resources/programs to promote functional, physical and mental wellness in older adults.
	05.19 Identify relevant theories and concepts related to the delivery of patient-centered care for older adults.
	05.20 Apply reality orientation techniques and validation therapy unless it is contraindicated by the patient diagnosis (Alzheimer's or dementia).
	05.21 Recognize and respond appropriately to symptoms of common diseases, including dementia, depression/suicide and Alzheimer's.
	05.22 Provide care for patients with special needs (e.g., impaired hearing, impaired vision, immobility, impaired body functions, cognitively impaired (dementia)).
	05.23 Demonstrate awareness of common behaviors in substance use and abuse in the elderly.
	05.24 Report concerns to the nurse related to substance use and abuse in the elderly patient.
	05.25 Identify components of the grief process as it relates the geriatric patient.
	05.26 Identify factors predisposing aging adults for suicide.
06.0	Assist with restorative (rehabilitative) activities. The student will be able to:
	06.01 List the purposes of restorative (rehabilitation) program.
	06.02 Assist patient with specified restorative (rehabilitation) needs.
	06.03 Assist patients/residents to reach the optimum level of independence.
07.0	Demonstrate organizational functions, following the patient plan of care. The student will be able to:
	07.01 Organize patient-care assignments.
	07.02 Complete assignments accurately and in a timely manner.
08.0	Demonstrate computer literacy as related to nursing functions. The student will be able to:

	08.01 Demonstrate effective use of technology, including use of electronic medical records and email relevant to job requirements for a Licensed Practical Nurse.
	08.02 Identify computer skills utilized for each clinical rotation and apply, as appropriate.
	08.03 Identify methods of communication to access and distribute data such as fax, e-mail and internet as applicable to HIPAA.
09.0	Use appropriate verbal and written communications in the performance of nursing functions. The student will be able to:
	09.01 Identify characteristics of successful and unsuccessful communication including communication styles and barriers.
	09.02 Respond to verbal and non-verbal cues.
	09.03 Use approved medical terminology and abbreviations.
	09.04 Recognize the importance of courtesy and respect for patients and other healthcare workers and maintain good interpersonal relationships.
	09.05 Receive and give oral report using safe handoff of patient's status.
	09.06 Report and record objective and subjective pertinent observations.
	09.07 Maintain current documentation.
	09.08 Document changes in patient behavior and mental awareness in a timely manner.
	09.09 Obtain specified data from patient and family.
	09.10 Define and explain the steps in the nursing process and the role of the licensed practical nurse in that process.
	09.11 Utilize nursing principles to assist with the patient's plan of care.
10.0	Demonstrate legal and ethical responsibilities specific to the nursing profession. The student will be able to:
	10.01 Explain the “Patient’s Bill of Rights”.
	10.02 Identify standards of the Health Insurance Portability and Accountability Act (HIPAA).
	10.03 Describe advance directives.
	10.04 Describe informed consent.
	10.05 Recognize and report all forms of abuse to include domestic violence (physical & verbal), neglect and human trafficking.
	10.06 Identify the components of the Nurse Practice Act.

	10.07 Practice within the role and scope of the job description.
	10.08 Discuss medical errors related to the practical nurse.
	10.09 Define legal aspects and code of ethics related to nursing.
	10.10 Describe the practical nurses' role in delegation of duties.
	10.11 Follow policies and procedures affecting the health, safety and well-being of patients.
	10.12 Follow legal guidelines in charting, including use of electronic medical records
11.0	Apply the principles of infection control, utilizing nursing principles. The student will be able to:
	11.01 Provide care for patients with infectious diseases applying the principles of "standard precautions" utilized with all patients as well as special procedures required.
	11.02 Perform and promote effective hand hygiene.
	11.03 Set up isolation unit using proper personal protective equipment (PPE) for all types of isolation including donning and removing PPE appropriately.
	11.04 Follow isolation procedure with food tray, garments, and other materials.
	11.05 Collect specimen from patient in isolation.
	11.06 Identify common hospital acquired infections and their prevention and treatment.
	11.07 Identify emergent communicable diseases and their prevention and treatment.
	11.08 Apply interventions to break each chain of infection.
	11.09 Discuss immunity and the role of immunizations.
	11.10 Discuss nursing responsibilities related to biological exposures.
12.0	Perform aseptic and sterile techniques. The student will be able to:
	12.01 Apply principles of medical and surgical asepsis.
	12.02 Apply and remove sterile glove.
	12.03 Apply sterile dressing.
	12.04 Open sterile equipment and supplies.

	12.05 Maintain sterile field.
	12.06 Clean and disinfect equipment.
	12.07 Apply and remove personal protective equipment (PPE).
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.
	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 (https://www.myplate.gov/).
	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.

Course Number: PRN0099 **Occupational Completion Point: B** **Practical Nursing Foundations 2 – 300 Hours**	
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.
	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.
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.
	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.
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.
	19.09 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.

Course Number: PRN0290 Occupational Completion Point: B Medical Surgical Nursing 1 – 300 Hours	
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: • cardiovascular/circulatory disease/disorder • respiratory disease/disorder • lymphatic/Immune disease/disorder • musculoskeletal disease/disorder • endocrine disease/disorder • integumentary/sensory disease/disorder
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.
23.04 Provide post-operative care.
23.05 Reinforce post-operative discharge teaching provided by the nurse.

Course Number: PRN0291 **Occupational Completion Point: B** **Medical Surgical Nursing 2 – 300 Hours**
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: • gastrointestinal disease/disorder • neurological disease/disorder • urinary disease/disorder • reproductive disease/disorder • oncologic disease/disorder

Course Number: PRN0690 **Occupational Completion Point: B** **Comprehensive Nursing and Transitional Skills – 150 Hours**
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.
	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.
	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 Describe the nutritional dietary requirement of various prescribed diets.
	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.
29.07	Complete letters of job application and resignation.
29.08	Complete a professional portfolio, including a resume.

LPN/IV Therapy:	**The following intended outcomes 01-12 can ONLY be taken by graduate Practical Nurses who have completed their practical nursing program.**
01.0	Explain the legal aspects of IV administration by practical nurses. The student will be able to:
01.01	Explain the Nurse Practice Act and the Florida Administrative Code as it relates to IV therapy by LPNs.
01.02	Describe the policies and procedures of employing agencies as they relate to IV therapy by LPNs.
01.03	Chart IV therapy including all principles of charting necessary for legal documentation.
01.04	List the aspects of intravenous therapy that can only be given under the direct supervision of the registered professional nurse.
02.0	Demonstrate knowledge of the peripheral veins used for venipuncture. The student will be able to:
02.01	Locate and identify the peripheral veins used for venipuncture.
02.02	List preference of peripheral vein location used for venipuncture.
03.0	Perform a venipuncture. The student will be able to:
03.01	Prepare and support the patient psychologically.
03.02	Prepare and support the patient's family and/or visitors psychologically.

	03.03 Prepare and support the patient physically.
	03.04 Choose equipment appropriately.
	03.05 Choose and properly prepare appropriate site(s).
	03.06 Palpate the vein(s) adequately.
	03.07 Insert equipment into the vein maintaining the safety of both the patient and the nurse.
04.0	Discuss the effect of IV therapy on the body. The student will be able to:
	04.01 Describe the relationship between intravenous therapy and the body's homeostatic and regulatory functions.
	04.02 Discuss clinical manifestations of fluid and electrolyte imbalance.
05.0	Recognize and respond to adverse reactions to IV therapy. The student will be able to:
	05.01 Recognize the signs and symptoms of local complications to IV therapy.
	05.02 Recognize the signs and symptoms of systemic complications to IV therapy.
	05.03 Discuss preventive measures for both local and systemic complications.
	05.04 Describe appropriate treatment measures for both local and systemic complications.
06.0	Recognize and use various types of IV equipment. The student will be able to:
	06.01 Identify various types of equipment used in administering IV therapy.
	06.02 Discuss the criteria for the use of each type of equipment.
	06.03 Describe how to troubleshoot for malfunction of various types of equipment.
07.0	Administer drugs intravenously. The student will be able to:
	07.01 List formulas, calculate fluid and drug administration rate.
	07.02 List methods of administering drugs intravenously, including the advantages and disadvantages of each.
	07.03 Utilize the principles of compatibility and incompatibility of drugs and solutions in preparing for administration.
	07.04 Administer IV drugs incorporating the "six rights" of medication administration.
08.0	Care for patients receiving IV drug therapy, blood and blood components and/or parenteral nutrition. The student will be able to:

	08.01 Utilize the principles of chemotherapy, including protocols, actions and side effects when caring for patients receiving drug therapy.
	08.02 Manage the care of the patient receiving parenteral nutrition, including the principles of metabolism, potential complications, physical and psychological measures to ensure the desired therapeutic effect.
	08.03 Manage the care of the patient receiving blood and blood components, following institutional protocols, including indications and contraindications for use and identification of adverse reactions.
09.0	Describe and utilize the principles of infection control in IV therapy. The student will be able to:
	09.01 Use aseptic technique as related to IV therapy.
	09.02 Describe ways to prevent iatrogenic infection.
	09.03 Describe treatment for iatrogenic infections.
10.0	Care for the patient receiving special IV therapy procedures. The student will be able to:
	10.01 Describe and utilize the nursing management necessary for saline locks.
	10.02 Describe and utilize the nursing management necessary for central lines.
11.0	Recognize terminology pertinent to IV therapy. The student will be able to:
	11.01 Define terms common to IV therapy.
	11.02 Interpret written IV terms correctly.
	11.03 Use correct IV terminology in all written and oral communications.
12.0	Care for the patient receiving IV therapy via central lines. The student will be able to:
	12.01 Describe the location of central lines and the purpose of this IV therapy.
	12.02 Administer fluids and medications via central lines.
	12.03 List central line complications and interventions appropriate to correct them.
	12.04 Describe and perform central line dressings, cap changes and flushing, noting the adverse effects and remediation.
	12.05 Recognize signs and symptoms of sepsis.
	12.06 Identify Central Line Associated Blood Stream Infection (CLABSI) protocol.

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.

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.

Basic Skills

In Career Certificate programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Computation (Mathematics) and Communications (Language and Reading 9). These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02, Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01, F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College System Institution must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91, F.S.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. 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.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.