

2011-2012

**Florida Department of Education
Curriculum Framework**

Program Title: Practical Nurse
Program Type: Career Preparatory
Career Cluster: Health Science

	Secondary	PSAV
Program Number	8418300	H170605
CIP Number	0317060500	0317060500
Grade Level	9-12, 30, 31	30, 31
Standard Length	9 credit hours	1350 hours
Teacher Certification	REG NURSE 7 G *PRAC NURSE @7 G	REG NURSE 7 G *PRAC NURSE @7 G
CTSO	HOSA	HOSA
SOC Codes (all applicable)	31-9099; 31-1012; 29-2061	31-9099;31-1012; 29-2061
Facility Code	[252] http://www.fldoe.org/edfacil/sref.asp (State Requirements for Educational Facilities)	
Targeted Occupation List	http://www.labormarketinfo.com/wec/TargetOccupationList.htm	
Perkins Technical Skill Attainment Inventory	http://www.fldoe.org/workforce/perkins/perkins_resources.asp	
Industry Certifications	http://www.fldoe.org/workforce/fcpea/default.asp	
Basic Skills Level	N/A	Mathematics: 11 Language: 11 Reading: 11

* This certification is no longer issued at the district or state level.

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 the Health Science career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions.

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 so the graduate may apply to take the examination to practice as a Licensed Practical Nurse. The

program must also be approved by the BON as a nursing assistant program in order for students to apply to take the C.N.A. exam at the end of OCP B as a program completer.

The Health Science Core must be taken by all students (secondary and postsecondary) planning to complete any Health Occupations program. Once successfully completed, the core does not need to be repeated at any instructional level.

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. Clinical experience must make up or least 50% of the total program. Clinical Simulation may be used for no more than 25% of the total clinical experience.

Program Structure

This program is a planned sequence of instruction consisting of three occupational completion points.

The following table illustrates the **PSAV** program structure:

OCP	Course Number	Course Title	Course Length	SOC Code
A	HSC0003	Basic Healthcare Worker	90 hours	31-9099
B	HCP0121	Nurse Aide and Orderly (Articulated)	75 hours	31-1012
C	PRN0091	Practical Nurse 1	285 hours	29-2061
	PRN0092	Practical Nurse 2	450 hours	29-2061
	<u>PRN0093</u>	<u>Practical Nurse 3 *</u>	<u>250 hours</u>	<u>29-2061</u>
	<u>PRN0095</u>	<u>Practical Nurse 4 *</u>	<u>200 hours</u>	<u>29-2061</u>
		OR		
		PRN0096	Practical Nurse 3	450 hours

* These courses will be available in the 2010-2011 and 2011-2012 course code directory (CCD) but will be deleted from the program in 2012-2013 course code directory. Students currently enrolled in these courses have the option of finishing in them, but new students should follow the new structure of the program upon entering.

The following table illustrates the **Secondary** program structure:

OCP	Course Number	Course Title	Length	SOC Code	Level
A & B	8418310	Practical Nursing 1	1 credit	31-9099 31-1012	3
	8418320	Practical Nursing 2	1 credit	29-2061	3
	8418330	Practical Nursing 3	1 credit	29-2061	3
	8418340	Practical Nursing 4	1 credit	29-2061	3
	8418350	Practical Nursing 5	1 credit	29-2061	3
	8418360	Practical Nursing 6	1 credit	29-2061	3
	8418370	Practical Nursing 7	1 credit	29-2061	3
	8418380	Practical Nursing 8	1 credit	29-2061	3

OCP	Course Number	Course Title	Length	SOC Code	Level
C	8418390	Practical Nursing 9	1 credit	29-2061	3

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.

Laboratory Activities

Laboratory activities are an integral part of this program. These activities include instruction in the use of safety procedures, tools, equipment, materials, and processes related to these occupations. Equipment and supplies should be provided to enhance hands-on experiences for students.

Simulated practice and clinical experiences are included as an integral part of this program.

Clinical instruction of nursing students will meet the requirements of Florida Statute 464.019.

Special Notes

This program meets the Department of Health HIV/AIDS Domestic Violence and Prevention of Medical Errors education requirements. Upon completion of this program, the instructor will provide a certificate to the student verifying that 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.

Please refer to Florida Statute 464.019 (1) (b) 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.

Students who have successfully completed the program Articulated Nursing Assistant, or the program, Patient Care Technician should be given advanced standing and can enter the program following OCP B or beyond.

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.

The standard length of the program is 1350 clock hours which includes 90 clock hours for the Health Science Core.

When Practical Nursing is completed it may be substituted for one science credit in Anatomy and Physiology (2000350).

Following successful completion of the OCP B, the student is eligible to apply to take the CNA examination.

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

Career and Technical Student Organization (CTSO)

Health Occupations Students of America Inc., (HOSA) is the appropriate career and technical student organization for 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. The activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, F.A.C.

Essential Skills

Essential skills identified by the Division of Career and Adult Education have been integrated into the standards and benchmarks of this program. These skills represent the general knowledge and skills considered by industry to be essential for success in careers across all career clusters. Students preparing for a career served by this program at any level should be able to demonstrate these skills in the context of this program. A complete list of Essential Skills and links to instructional resources in support of these Essential Skills are published on the CTE Essential Skills page of the FL-DOE website (http://www.fldoe.org/workforce/dwdframe/essential_skills.asp).

Basic Skills

In PSAV 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: Mathematics 11, Language 11, and Reading 11. These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination. Students may be exempt from meeting the Basic Skills requirements by earning an eligible industry certification. See the Basic Skills Exemption List document for a list of eligible industry certifications (<http://www.fldoe.org/workforce/dwdframe/rtf/basic-skills.rtf>).

Adult students with disabilities, as defined in Section 1004.02(7), 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(3)(a), F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91(3), F.S.

Students who possess a college degree at the Associate of Applied Science level or higher; who have completed or are exempt from the college entry-level examination pursuant to Section 1008.29, F.S.; or who have passed a state, national, or industry licensure exam are exempt from meeting the Basic Skills requirement (Rule 6A-10.040, F.A.C.)

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's IEP or 504 plan or postsecondary student's accommodations plan 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 postsecondary service provider. 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.

In addition to accommodations, some secondary students with disabilities (ESE) will need modifications to meet their special 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 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 occupational completion point (OCP) or a modified occupational completion point (MOCP). 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 an OCP/MOCP. The student should work on different competencies and new applications of competencies each year toward completion of the OCP(s)/MOCP. 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).

Articulation

The PSAV component of this program H170605 has one statewide articulation agreement approved by the Articulation Coordinating Committee:

Registered Nursing-AAS/AS (CIP #: 0318.11.100/1318.110100) – 10 credit hours

For details on articulation agreements which correlate to programs and industry certifications refer to http://www.fldoe.org/workforce/dwdframe/artic_frame.asp.

Bright Futures/Gold Seal Scholarship

Course substitutions as defined in the Comprehensive Course Table for this program area may be used to qualify a student for Florida's Gold Seal Vocational Scholarship, providing all other eligibility requirements are met. Eligibility requirements are available online at https://www.osfaffelp.org/bfiehs/fnbpcm02_CCTMain.aspx.

Fine Arts/Practical Arts Credit

Many courses in CTE programs meet the Fine Arts/Practical Arts credit for high school graduation. For additional information refer to

<http://www.fldoe.org/schools/pdf/ListPracticalArtsCourses.pdf>.

Standards

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

- 01.0 Demonstrate knowledge of the health care delivery system and health occupations
- 02.0 Use oral and written communication skills in creating, expressing and interpreting information and ideas.
- 03.0 Describe the importance of professional ethics and legal responsibilities
- 04.0 Demonstrate an understanding of and apply wellness and disease concepts
- 05.0 Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance.
- 06.0 Recognize and respond to emergency situations
- 07.0 Recognize and practice infection control procedures
- 08.0 Use information technology tools.
- 09.0 Explain the importance of employability skill and entrepreneurship skills.
- 10.0 Demonstrate knowledge of blood borne diseases, including HIV/AIDS
- 11.0 Demonstrate mathematics and science knowledge and skills.
- 12.0 Demonstrate language arts knowledge and skills.
- 13.0 Demonstrate personal money-management concepts, procedures, and strategies.
- 14.0 Solve problems using critical thinking skills, creativity and innovation.
- 15.0 Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment.
- 16.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives.
- 17.0 Use verbal and written communications specific to the nursing assistant.
- 18.0 Demonstrate legal and ethical responsibilities specific to the nursing assistant.
- 19.0 Perform physical comfort and safety functions specific to the nursing assistant.
- 20.0 Provide personal patient care.
- 21.0 Perform patient care procedures.
- 22.0 Apply principles of nutrition.
- 23.0 Provide care for geriatric patients.
- 24.0 Apply the principles of infection control specific to the nursing assistant.
- 25.0 Provide biological, psychological, and social support.
- 26.0 Develop supervised organizational skills, following the patient plan of care.
- 27.0 Assist with restorative (rehabilitative) activities.
- 28.0 Demonstrate computer literacy as related to nursing functions.
- 29.0 Use appropriate verbal and written communications in the performance of nursing functions.
- 30.0 Demonstrate legal and ethical responsibilities specific to the nursing profession.
- 31.0 Describe human growth and development.
- 32.0 Apply the principles of infection control, utilizing nursing principles
- 33.0 Perform aseptic techniques.
- 34.0 Describe the anatomy and physiology of the human body.
- 35.0 Apply principles of nutrition.
- 36.0 Perform nursing procedures.
- 37.0 Administer medication.
- 38.0 Provide care for medical/surgical/oncology patients, utilizing nursing principles.
- 39.0 Provide care for pre-operative and post-operative patients, utilizing nursing principles.

- 40.0 Provide care for maternal/newborn patients, utilizing nursing principles.
- 41.0 Provide care for pediatric patients, utilizing nursing principles.
- 42.0 Provide bio-psycho-social support.
- 43.0 Develop transitional skills
- 44.0 Demonstrate employability skills specific to practical nursing.

Please Note: 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 pursuant to Rule 64B9. 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, 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 of a Florida licensed registered nurse.

LPN/IV

- 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 Manage IV therapy via central lines.

2011-2012

**Florida Department of Education
Student Performance Standards**

Program Title: Practical Nursing
PSAV Number: H170605

Course Number: HSC0003
Occupational Completion Point: A
Basic Healthcare Worker – 90 Hours – SOC Code 31-9099

Health Careers Core: The Health Science Core is a core of basic knowledge necessary for any health occupations career. Students who have previously completed the Health Careers Science in any other health occupations program do not have to repeat intended outcomes 01-16.

- 01.0 Demonstrate knowledge of the health care delivery system and health occupations. – The student will be able to:
- 01.01 Identify the basic components of the health care 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 health care providers and the range of services available including resources to victims of domestic violence.
 - 01.04 Describe the composition and functions of a health care team
 - 01.05 Identify the general roles and responsibilities of the individual members of the health care team.
 - 01.06 Identify the roles and responsibilities of the consumer within the healthcare system.
 - 01.07 Explain the cause and effects of factors that influence the current delivery system of healthcare.
 - 01.08 Explain the impact of emerging issues including technology, epidemiology, bioethics and socioeconomics on healthcare delivery systems.
- 02.0 Use oral and written communication skills in creating, expressing and interpreting information and ideas. – The student will be able to:
- 02.01 Apply basic speaking and active listening skills including reflection, restatement, and clarification techniques.
 - 02.02 Develop basic observational skills and related documentation strategies in written and oral form.
 - 02.03 Identify characteristics of successful and unsuccessful communication including communication styles and barriers.
 - 02.04 Compose written communication using correct spelling, grammar, a formatting and confidentiality and specific formats of letter writing.
 - 02.05 Use appropriate medical terminology and abbreviations.
 - 02.06 Recognize the importance of courtesy and respect for patients and other health care workers and maintain good interpersonal relationships.
 - 02.07 Recognize the importance of patient/client education regarding health care.
 - 02.08 Adapt communication skills to varied levels of understanding and cultural orientation including diverse age, cultural, economic, ethnic and religious groups.
 - 02.09 Analyze elements of communication using a sender-receiver model.

- 02.10 Distinguish between and report subjective and objective information.
 - 02.11 Report relevant information in order of occurrence.
 - 02.12 Select and employ appropriate communication concepts and strategies to enhance oral and written communication in the workplace. CM 1.0
 - 02.13 Locate, organize and reference written information from various sources. CM 3.0
 - 02.14 Design, develop and deliver formal and informal presentations using appropriate media to engage and inform diverse audiences. CM 5.0
 - 02.15 Interpret verbal and nonverbal cues/behaviors that enhance communication. CM 6.0
 - 02.16 Apply active listening skills to obtain and clarify information. CM 7.0
 - 02.17 Develop and interpret tables and charts to support written and oral communications. CM 8.0
 - 02.18 Exhibit public relations skills that aid in achieving customer satisfaction. CM 10.0
- 03.0 Describe the importance of professional ethics and legal responsibilities. –The student will be able to:
- 03.01 Discuss the legal framework of the healthcare occupations including scope of practice legislation
 - 03.02 Explain practices that could result in malpractice, liability, negligence, abandonment, false imprisonment and fraud.
 - 03.03 Demonstrate procedures for accurate documentation and record keeping.
 - 03.04 Interpret healthcare facility policy and procedures.
 - 03.05 Explain the patients' "Bill of Rights."
 - 03.06 Identify and implement standards of the Health Insurance Portability and Accountability Act (HIPAA).
 - 03.07 Describe advance directives.
 - 03.08 Distinguish between express, implied and informed consent.
 - 03.09 Explain the laws governing harassment, labor and employment.
 - 03.10 Differentiate between legal and ethical issues in healthcare.
 - 03.11 Describe a Code of Ethics consistent with the health care occupation.
 - 03.12 Identify and compare personal, professional and organizational ethics.
 - 03.13 Recognize the limits of authority and responsibility of health care workers including legislated scope of practice.
 - 03.14 Recognize and report illegal and/or unethical practices of health care workers.
 - 03.15 Recognize and report abuse including domestic violence and neglect.
 - 03.16 Evaluate and justify decisions based on ethical reasoning. ELR 1.0
 - 03.17 Evaluate alternative responses to workplace situations based on personal, professional, ethical, legal responsibilities, and employer policies. ELR1.1
 - 03.18 Identify and explain personal and long-term consequences of unethical or illegal behaviors in the workplace. ELR1.2
 - 03.19 Interpret and explain written organizational policies and procedures. ELR 2.0
 - 03.20 Distinguish among the five schedules of controlled substances.
- 04.0 Demonstrate an understanding of and apply wellness and disease concept. – The student will be able to:
- 04.01 Describe and apply strategies for prevention of diseases including health screenings and examinations.
 - 04.02 Identify personal health practices and environmental factors which affect optimal function of each of the major body systems.
 - 04.03 Identify psychological reactions to illness including defense mechanisms.

- 04.04 Identify complementary and alternative health practices including biomedical therapies
 - 04.05 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.
 - 04.06 Explain basic concepts of positive self image, wellness and stress.
 - 04.07 Develop a wellness and stress control plan that can be used in personal and professional life.
 - 04.08 Explain the nutrition pyramid.
 - 04.09 Recognize the steps in the grief process.
- 05.0 Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance. – The student will be able to:
- 05.01 Describe personal and jobsite safety rules and regulations that maintain safe and healthy work environments. SHE 1.0
 - 05.02 Demonstrate the safe use of medical equipment.
 - 05.03 Explain and apply the theory of root- cause analysis
 - 05.04 Identify and describe methods in medical error reduction and prevention in the various healthcare settings.
 - 05.05 Identify and practice security procedures for medical supplies and equipment.
 - 05.06 Demonstrate personal safety procedures based on Occupations Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations (including standard precautions).
 - 05.07 Recognize Materials Data Safety Sheets (MSDS) and comply with safety signs, symbols and labels.
 - 05.08 Demonstrate proper body mechanics and ergonomics.
 - 05.09 Demonstrate the procedure for properly identifying patients.
 - 05.10 Demonstrate procedures for the safe transport and transfer of patients.
 - 05.11 Describe fire safety, disaster and evacuation procedures.
 - 05.12 Create a disaster and/or emergency response plan. SHE 2.3
 - 05.13 Discuss The Joint Commission patient safety goals. (www.jointcommission.org)
 - 05.14 Explain emergency procedures to follow in response to workplace accidents. SHE 2.0
- 06.0 Recognize and respond to emergency situations. – The student will be able to:
- 06.01 Monitor and record vital signs.
 - 06.02 Describe legal parameters relating to the administration of emergency care.
 - 06.03 Obtain and maintain training or certification in cardiopulmonary resuscitation (CPR), automated external defibrillator (AED), foreign body airway obstruction (FBAO) and first aid.
 - 06.04 Recognize adverse drug related emergencies and take appropriate first aid action.
- 07.0 Recognize and practice infection control procedures. – The student will be able to:
- 07.01 Define principles of infection control including standard and transmission based precautions.
 - 07.02 Demonstrate knowledge of medical asepsis and practice procedures such as handwashing and isolation.

- 07.03 Demonstrate knowledge of surgical asepsis.
- 07.04 Describe how to dispose correctly of biohazardous materials, according to appropriate government guidelines such as OSHA.

- 08.0 Use information technology tools. – The student will be able to:
 - 08.01 Describe technology applications in healthcare.
 - 08.02 Define terms and demonstrate basic computer skills.
 - 08.03 Interpret information from electronic medical documents.
 - 08.04 Employ technological tools to expedite workflow including word processing, databases, reports, spreadsheets, multimedia presentations, electronic calendar, contacts, email, and internet applications. IT 2.0
 - 08.05 Use personal information management (PIM) applications to increase workplace efficiency. IT 1.0
 - 08.06 Employ computer operations applications to access, create, manage, integrate, and store information. IT 3.0
 - 08.07 Employ collaborative/groupware applications to facilitate group work. IT 4.0

- 09.0 Explain the importance of employability skill and entrepreneurship skills. – The student will be able to:
 - 09.01 Identify personal traits or attitudes desirable in a member of the healthcare team.
 - 09.02 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).
 - 09.03 Identify documents that may be required when applying for a job. Maintain a career portfolio to document knowledge, skills, and experience. ECD 5.0
 - 09.04 Write an appropriate resume.
 - 09.05 Conduct a job search and complete a job application form correctly.
 - 09.06 Demonstrate competence in job interview techniques.
 - 09.07 Examine levels of education, credentialing requirements including licensure and certification, employment opportunities, workplace environments and career growth potential.
 - 09.08 Identify and demonstrate positive work behaviors needed to be employable. ECD 1.0
 - 09.09 Compare careers within the health science career pathways (diagnostic services, therapeutic services, health informatics, support services or biotechnology research and development).
 - 09.10 Develop personal career plan that includes goals, objectives, and strategies. ECD 2.0
 - 09.11 Examine licensing, certification, and industry credentialing requirements. ECD 3.0
 - 09.12 Evaluate and compare employment opportunities that match career goals. ECD 6.0
 - 09.13 Identify and exhibit traits for retaining employment. ECD 7.0
 - 09.14 Identify opportunities and research requirements for career advancement. ECD 8.0
 - 09.15 Research the benefits of ongoing professional development. ECD 9.0
 - 09.16 Examine and describe entrepreneurship opportunities as a career planning option. ECD 10.0

- 10.0 Demonstrate knowledge of blood borne diseases, including HIV/AIDS. – The student will be able to:
- 10.01 Recognize emerging diseases and disorders.
 - 10.02 Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood borne pathogens including Hepatitis B.
 - 10.03 Identify "at risk" behaviors that promote the spread of diseases caused by blood borne pathogens and the public education necessary to combat the spread of these diseases.
 - 10.04 Identify community resources and services available to the individuals with diseases caused by blood borne pathogens.
 - 10.05 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.
 - 10.06 Demonstrate knowledge of the legal aspects of HIV/AIDS, including testing.
- 11.0 Demonstrate mathematics and science knowledge and skills– The student will be able to:
- 11.01 Construct charts/tables/graphs to interpret health care practices using functions and data AF3.5
 - 11.02 Measure time, temperature, distance, capacity, and mass/weight.
 - 11.03 Make, use and convert using both traditional and metric units.
 - 11.04 Make estimates and approximations and judge the reasonableness of the result.
 - 11.05 Convert from regular time to the 24-hour clock.
 - 11.06 Demonstrate ability to evaluate and draw conclusions.
 - 11.07 Formulate scientifically investigable questions, construct investigations, collect and evaluate data, and develop scientific recommendations based on findings. AF4.3
 - 11.08 Demonstrate knowledge of arithmetic operations. AF3.2
 - 11.09 Analyze and apply data and measurements to solve problems and interpret documents. AF3.4
 - 11.10 Discuss the role of creativity in constructing scientific questions, methods and explanations. AF4.1
- 12.0 Demonstrate language arts knowledge and skills. –The students will be able to:
- 12.01 Locate, comprehend and evaluate key elements of oral and written information. AF2.4
 - 12.02 Draft, revise, and edit written documents using correct grammar, punctuation and vocabulary. AF2.5
 - 12.03 Present information formally and informally for specific purposes and audiences. AF2.9
- 13.0 Demonstrate personal money-management concepts, procedures, and strategies. – The students will be able to:
- This standard supports the following Next Generation Sunshine State Standards:
[MA.912.F.4.1, 4.2]
- 13.01 Identify and describe the services and legal responsibilities of financial institutions. FL 2.0

- 13.02 Describe the effect of money management on personal and career goals. FL 3.0
 - 13.03 Develop a personal budget and financial goals. FL3.1
 - 13.04 Complete financial instruments for making deposits and withdrawals. FL3.2
 - 13.05 Maintain financial records. FL3.3
 - 13.06 Read and reconcile financial statements. FL3.4
 - 13.07 Research, compare and contrast investment opportunities. FL4.0
- 14.0 Solve problems using critical thinking skills, creativity and innovation. – The students will be able to:
- 14.01 Employ critical thinking skills independently and in teams to solve problems and make decisions. PS1.0
 - 14.02 Employ critical thinking and interpersonal skills to resolve conflicts. PS 2.0
 - 14.03 Identify and document workplace performance goals and monitor progress toward those goals. PS 3.0
 - 14.04 Conduct technical research to gather information necessary for decision-making. PS 4.0
- 15.0 Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment. – The students will be able to:
- 15.01 Describe the nature and types of business organizations. SY 1.0
 - 15.02 Explain the effect of key organizational systems on performance and quality. SY 1.0
 - 15.03 List and describe quality control systems and/or practices common to the workplace. SY 2.0
 - 15.04 Explain the impact of the global economy on business organizations. SY 2.0
- 16.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives. – The students will be able to:
- 16.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
 - 16.02 Establish and maintain effective working relationships with others, in order to accomplish objectives and tasks. LT3.0
 - 16.03 Conduct and participate in meetings to accomplish work tasks. LT 4.0
 - 16.04 Employ mentoring skills to inspire and teach others. LT 5.0
 - 16.05 Analyze attributes and attitudes of an effective leader.
 - 16.06 Recognize factors and situations that may lead to conflict. .
 - 16.07 Demonstrate effective techniques for managing team conflict.

Course Number: HCP0121

Occupational Completion Point: B

Nurse Aide and Orderly (Articulated) – Soc Code 31-1012

Module: Nursing Assistant

The following intended outcomes 17-27 should be taught together as a module to achieve the occupational completion point of Articulated Nursing Assistant. The average achieving student should be able to complete the module in 75 clock hours. The entire Articulated Nursing Assistant program including the core is 165 hours for the average achieving student but cannot be less than 120 hours.

Successful completion of the occupational completion point of Articulated Nursing Assistant qualifies the student to take the state certification examination for Nursing Assistant if the program has been approved. To be approved the program must be taught by a registered nurse and must have 40 hours of clinical, twenty of which are in a licensed nursing home, and be at least 120 hours in length. Such certification is required for employment in a nursing home, in accordance with Chapter 82-163, Florida Statutes.

Students completing this module will be able to:

- 17.0 Use verbal and written communications specific to nurse assisting. – The student will be able to:
- 17.01 Obtain specified data from patient and family.
 - 17.02 Utilize verbal and written information to assist with the patient's plan of care.
 - 17.03 Demonstrate use of the intercom.
- 18.0 Demonstrate legal and ethical responsibilities specific to nurse assisting. – The student will be able to:
- 18.01 Demonstrate legal and ethical behavior within the role and scope of nursing assistant responsibilities.
 - 18.02 Describe the purpose of the chain of command (i.e., to resolve patient or employee problems.
 - 18.03 Follow policies and procedures affecting the health, safety, and well-being of patients.
 - 18.04 Recognize and report signs of substance abuse.
 - 18.05 Follow legal guidelines in charting.
 - 18.06 Exhibit behavior supporting and promoting residents' rights.
 - 18.07 Recognize potential for and prevention of medical errors.
 - 18.08 Discuss proper procedures to follow regarding medical errors.
- 19.0 Perform physical comfort and safety functions specific to nurse assisting. – The student will be able to:
- 19.01 Maintain patient units and equipment.
 - 19.02 Maintain service areas on the units including supplies and equipment.
 - 19.03 Observe, report, and note changes in the patient's behavior daily, including mental awareness.
 - 19.04 Adjust bed and side-rails.
 - 19.05 Lift, hold, and transfer patients including the use of the mechanical lift, utilizing good body mechanics.
 - 19.06 Turn and position patient.
 - 19.07 Transfer patient to stretcher.
 - 19.08 Apply protective devices as directed (e.g., vest and belt).
 - 19.09 Apply comfort devices as directed (e.g., foot-board, overbed cradle, alternating pressure mattress).
 - 19.10 Assist patient to dangle.
 - 19.11 Assist patient in ambulation, including the use of crutch, cane, or walker.
 - 19.12 Assist patient in using wheelchair.
 - 19.13 Assist patient with care and use of prosthetic/orthotic devices.
 - 19.14 Administer back rub.
 - 19.15 Describe emergency procedures utilized in the clinical area(s).

- 19.16 Implement appropriate Joint Commission patient safety goals.
- 20.0 Provide personal patient care--The student will be able to:
 - 20.01 Give bed bath.
 - 20.02 Assist with shower or tub bath, including the use of specialty tubs.
 - 20.03 Assist patient with sink, tub, shower, or bed shampoo.
 - 20.04 Shave patient.
 - 20.05 Groom patient, including hair, skin, foot, and nail care.
 - 20.06 Assist with and/or administer oral hygiene including denture care.
 - 20.07 Assist patient with toileting using a bedpan and urinal.
 - 20.08 Assist patient to dress.
 - 20.09 Assist patient with meals.
 - 20.10 Provide bowel and bladder training.
 - 20.11 Give perineal care.
 - 20.12 Empty urinary drainage.
- 21.0 Perform patient care procedures. – The student will be able to:
 - 21.01 Demonstrate ability to accurately measure and record vital signs.
 - 21.02 Admit patient.
 - 21.03 Transfer patient.
 - 21.04 Discharge patient.
 - 21.05 Make unoccupied/occupied bed.
 - 21.06 Measure and record patient's height and weight.
 - 21.07 Assist patient in passive range-of-motion exercises.
 - 21.08 Apply anti-embolic hose and sequential compression devices.
 - 21.09 Collect, strain, and/or test routine urine specimen.
 - 21.10 Collect timed urine specimen.
 - 21.11 Monitor catheter drainage system.
 - 21.12 Collect clean-catch (midstream-voided) urine specimen.
 - 21.13 Monitor fluid intake and output (I&O), including encouraging and restricting fluids.
 - 21.14 Observe, record, and report patient's emesis.
 - 21.15 Monitor and assist with care of catheters.
 - 21.16 Assist with ostomy care.
 - 21.17 Collect stool specimen.
 - 21.18 Perform postmortem care.
 - 21.19 Maintain patient-belongings list.
 - 21.20 Care for patients with nasal, gastrostomy, and/or intravenous tubes.
 - 21.21 Collect sputum specimen.
- 22.0 Apply principles of nutrition. – The student will be able to:
 - 22.01 Identify nutrients and food groups.
 - 22.02 Explain regional, cultural, and religious food references.
 - 22.03 Describe special diets.
 - 22.04 Prepare a basic food plan.
 - 22.05 Check patient's diet tray for accuracy.
 - 22.06 Identify methods of maintaining fluid balance.
 - 22.07 Feed a patient
- 23.0 Provide care for geriatric patients. – The student will be able to:

- 23.01 Identify safety principles as related to the elderly.
 - 23.02 Describe general characteristics, particular needs, and problems of the elderly.
 - 23.03 Identify attitudes and living habits that promote positive mental and physical health for the elderly.
 - 23.04 Distinguish between fact and fallacy about the aging process.
 - 23.05 Identify community resources and services available to the elderly.
 - 23.06 Apply Reality Orientation Techniques and Validation Therapy.
 - 23.07 Provide and involve patients in diversional activities.
 - 23.08 Identify common alterations in elderly patient behavior.
 - 23.09 Recognize and respond appropriately to symptoms of common diseases, including dementia, depression/suicide and Alzheimer's.
 - 23.10 Identify common problems in drug use and abuse in the elderly.
 - 23.11 List community resources for individual and family health.
 - 23.12 Identify components of the grief process.
- 24.0 Apply the principles of infection control specific to nursing assisting. – The student will be able to:
- 24.01 Provide care for patients with infectious diseases applying the principles of "Universal (Standard) Precautions" utilized with all patients as well as special procedures required.
 - 24.02 Set up isolation unit.
 - 24.03 Follow isolation procedure with food tray, garments, and other materials.
 - 24.04 Collect specimen from patient in isolation.
- 25.0 Provide biological, psychological, and social support. – The student will be able to:
- 25.01 Discuss family roles and their significance to health.
 - 25.02 Respond to patient and family emotional needs.
- 26.0 Perform supervised organizational functions, following the patient plan of care. – The student will be able to:
- 26.01 Organize patient-care assignments.
 - 26.02 Complete assignments accurately and in a timely manner.
- 27.0 Assist with restorative (rehabilitative) activities. – The student will be able to:
- 27.01 List the purposes of restorative (rehabilitation) program.
 - 27.02 Assist patient with specified restorative (rehabilitation) needs.
 - 27.03 Assist patients/residents to reach the optimum level of independence.

Course Number: PRN0091
Occupational Completion Point: C
Practical Nurse 1- 285 hours-- Soc Code 29-2061

Licensed Practical Nurse: Intended outcomes 28-48 complete the occupational completion point(C) of Licensed Practical Nurse SOC Code 29-2061 Licensed Practical and Licensed Vocational Nurse)

The outcomes may be taught as one or more modules at the postsecondary level.

- 28.0 Demonstrate computer literacy as related to nursing functions. – The student will be able to:
- 28.01 Demonstrate computational, keyboarding and retrieval skills relevant to job requirements for a Licensed Practical Nurse.
 - 28.02 Identify computer skills utilized for each clinical rotation and apply, as appropriate.
- 29.0 Use appropriate verbal and written communications in the performance of nursing functions. – The student will be able to:
- 29.01 Receive and give oral report of patient's status.
 - 29.02 Report and record objective, pertinent observations.
 - 29.03 Maintain current documentation.
 - 29.04 Document changes in patient behavior and mental awareness.
 - 29.05 Obtain specified data from patient and family.
 - 29.06 Define and explain the steps in the nursing process and the role of the licensed practical nurse in that process.
 - 29.07 Utilize nursing principles to assist with the patient's plan of care.
- 30.0 Demonstrate legal and ethical responsibilities specific to the nursing profession. – The student will be able to:
- 30.01 Identify the components of the Nurse Practice Act.
 - 30.02 Practice within the role and scope of the job description.
 - 30.03 Follow policies and procedures affecting the health, safety, and well-being of patients.
 - 30.04 Follow legal guidelines in charting.
- 31.0 Describe human growth and development. – The student will be able to:
- 31.01 Describe characteristics of growth and development from conception to birth.
 - 31.02 Describe characteristics of growth and development from birth through preschool.
 - 31.03 Describe characteristics of growth and development from school age through adolescence.
 - 31.04 Describe characteristics of growth and development of the adult through the life span.
 - 31.05 Discuss family roles and their significance to health.
- 32.0 Apply the principles of infection control, utilizing nursing principles. – The student will be able to:
- 32.01 Put on and remove personal protective equipment.
 - 32.02 Collect specimen from isolated patient.
 - 32.03 Demonstrate procedures for initiating isolation, including care and disposal of equipment and supplies.
- 33.0 Perform aseptic techniques. – The student will be able to:
- 33.01 Apply principles of medical and surgical asepsis.

- 33.02 Apply and remove sterile gloves and gown.
- 33.03 Apply sterile dressing.
- 33.04 Open sterile equipment and supplies.
- 33.05 Maintain sterile field.
- 33.06 Clean and disinfect equipment.

34.0 Describe the anatomy and physiology of the human body. – The student will be able to:

- 34.01 Describe the relationships of body systems in providing patient care.
- 34.02 Describe the structure and function of the respiratory system.
- 34.03 Describe the structure and function of the cardio-vascular system.
- 34.04 Describe the structure and function of the muscular-skeletal system.
- 34.05 Describe the structure and function of the nervous, skin, and sensory systems.
- 34.06 Describe the structure and function of the reproductive system.
- 34.07 Describe the structure and function of the urinary system.
- 34.08 Describe the structure and function of the digestive system.
- 34.09 Describe the structure and function of the endocrine system.

35.0 Apply principles of nutrition. – The student will be able to:

- 35.01 Assist patient with and maintain therapeutic diets.
- 35.02 List factors which must be considered when purchasing food.
- 35.03 List factors which must be considered when storing food safely.
- 35.04 Identify methods of safe food preparation.

Course Number: PRN0092
Occupational Completion Point: C
Practical Nurse 2- 450 hours- Soc Code 29-2061

36.0 Perform nursing procedures. – The student will be able to:

- 36.01 Assist the RN with patient assessments.
- 36.02 Apply hot and cold applications.
- 36.03 Assist patient with sitz bath.
- 36.04 Apply pelvic belt for traction.
- 36.05 Apply cervical collar.
- 36.06 Monitor chest drainage system.
- 36.07 Monitor patient's following special procedures (e.g. I.V.P., myelogram, MRI, CAT scan).
- 36.08 Apply bandage.
- 36.09 Apply binders.
- 36.10 Apply brace.
- 36.11 Apply splints.
- 36.12 Care for patient in skin and skeletal traction.
- 36.13 Clean tong/pin site.
- 36.14 Change clean dressing.
- 36.15 Insert urinary catheter.
- 36.16 Obtain specimen from patient with indwelling catheter.
- 36.17 Measure urine specific gravity.
- 36.18 Remove retention catheter.
- 36.19 Change ostomy appliance.
- 36.20 Connect nasogastric tube to suction machine.

- 36.21 Remove nasogastric tube.
- 36.22 Administer gavage feeding.
- 36.23 Perform neurological checks.
- 36.24 Give enema.
- 36.25 Logroll patient.
- 36.26 Test stool for occult blood.
- 36.27 Perform naso-oral-pharyngeal suction.
- 36.28 Perform tracheostomy care.
- 36.29 Irrigate urinary catheter.
- 36.30 Maintain continuous urinary bladder irrigation.
- 36.31 Irrigate ear.
- 36.32 Irrigate eye.
- 36.33 Irrigate nasogastric tube.
- 36.34 Irrigate vaginal canal.
- 36.35 Irrigate wound.
- 36.36 Irrigate oral cavity.
- 36.37 Irrigate colostomy.
- 36.38 Maintain enteral feeding tubes.
- 36.39 Instruct patient in breathing exercises.
- 36.40 Obtain and test a drop of blood for glucose monitoring.
- 36.41 Assist with physical examination.
- 36.42 Assist patient with diagnostic procedures.
- 36.43 Set up vaporizer/humidifier.
- 36.44 Administer and maintain oxygen.
- 36.45 Perform calculation and adjust IV flow rate.
- 36.46 Observe intravenous infusion and report signs of adverse reactions.
- 36.47 Inspect insertion site, change dressing, and remove IV needle or catheter from peripheral veins.
- 36.48 Hang bags or bottles of hydrating fluid.
- 36.49 Provide postmortem care.

37.0 Administer medication. – The student will be able to:

- 37.01 Demonstrate accurate dosage calculation.
- 37.02 Demonstrate the six rights of administering medication.
- 37.03 Observe and respond to patient's need for medication.
- 37.04 Administer topical medication.
- 37.05 Administer inhalants.
- 37.06 Administer oral medication.
- 37.07 Administer sublingual medication.
- 37.08 Administer rectal medication.
- 37.09 Administer vaginal medication.
- 37.10 Administer eye medications.
- 37.11 Administer ear drops.
- 37.12 Administer nose drops.
- 37.13 Administer intramuscular injection (including Z-tract).
- 37.14 Administer intradermal injection.
- 37.15 Administer subcutaneous injection.
- 37.16 Properly obtain, monitor and document use of controlled substances.
- 37.17 Instill bladder medication.
- 37.18 Care for equipment and supplies used to administer medications.

- 37.19 Assist the patient with self-administration of medications, reinforce teaching by the RN on the patient's medication, their expected effects and potential side effects.
 - 37.20 Observe and communicate effects of medications.
 - 37.21 Document administration of medication and patient's response on medical record.
 - 37.22 Store medications properly.
 - 37.23 Demonstrate use of medication resources.
- 38.0 Provide care for medical/surgical/oncology patients, utilizing nursing principles. – The student will be able to:
- 38.01 Identify signs and symptoms of disease/disorders of the body systems.
 - 38.02 Identify diagnostic tests used in the treatment of diseases/disorders of the body systems.
 - 38.03 Identify medications used in the treatment of diseases/disorders of the body systems.
 - 38.04 Identify nutritional needs of patients with diseases/disorders of the body systems.
 - 38.05 Identify common alterations in patients with psychological disorders.
 - 38.06 Care for the patient with respiratory disease/disorder.
 - 38.07 Care for the patient with cardio-vascular disease/disorder.
 - 38.08 Care for the patient with muscular-skeletal disease/disorder.
 - 38.09 Care for the patient with nervous, skin, and sensory disease/disorder.
 - 38.10 Care for the patient with reproductive disease/disorder.
 - 38.11 Care for the patient with urinary disease/disorder.
 - 38.12 Care for the patient with digestive disease/disorder.
 - 38.13 Care for the patient with endocrine disease/disorder.
 - 38.14 Care for the patient with an oncologic disease/disorder.
- 39.0 Provide care for pre-operative and post-operative patients, utilizing nursing principles. – The student will be able to:
- 39.01 Assist with pre-operative and post-operative teaching.
 - 39.02 Perform a surgical prep.
 - 39.03 Prepare patient for operating room.
 - 39.04 Prepare patient's medical records for operating room.
 - 39.05 Provide post-operative care.
 - 39.06 Assist with post-operative discharge teaching.

Course Number: PRN0096
Occupational Completion Point: C
Practical Nurse 3-450 hours - Soc Code 29-2061

- 40.0 Provide care for maternal/newborn patients, utilizing nursing principles. – The student will be able to:
- 40.01 Describe prenatal care.
 - 40.02 Assist with admitting patient to labor and delivery.
 - 40.03 Monitor contractions.
 - 40.04 Monitor fetal heart rate.
 - 40.05 Recognize signs of fetal distress.
 - 40.06 Assist with preparing patient for Caesarean.

- 40.07 Describe care during delivery process.
 - 40.08 Describe Apgar score.
 - 40.09 Suction infant's respiratory passage with bulb syringe.
 - 40.10 Identify infant using mother's bracelet.
 - 40.11 Weigh and measure infant.
 - 40.12 Bathe infant.
 - 40.13 Carry infant.
 - 40.14 Feed infant.
 - 40.15 Collect urine specimen from infant.
 - 40.16 Provide post- partum care.
 - 40.17 Demonstrate and perform perineal care.
 - 40.18 Assist in breast care.
 - 40.19 Assist mother with infant care.
 - 40.20 Assist with infant circumcision.
 - 40.21 Apply dressing to circumcision site.
 - 40.22 Clean infant genitalia and diaper.
 - 40.23 Discharge obstetric patient.
- 41.0 Provide care for pediatric patients, utilizing nursing principles. – The student will be able to:
- 41.01 Adapt nursing care for the pediatric patient.
 - 41.02 Apply safety principles for the pediatric patient.
 - 41.03 Describe general characteristics, particular needs, and problems of pediatric patients.
 - 41.04 Prepare patient and family for the hospital experience.
 - 41.05 Identify signs and symptoms of common disorders/diseases.
 - 41.06 Implement prescribed nutritional requirement.
 - 41.07 Provide diversion and recreational activities.
- 42.0 Provide bio-psycho-social support--The student will be able to:
- 42.01 Respond to emotional needs of patient and family.
 - 42.02 Discuss Coping Mechanisms as seen in the performance of healthcare
 - 42.03 Differentiate between mental health and mental illness
 - 42.04 Recognize signs and symptoms of the various mental health disorders.
 - 42.05 Discuss treatment modalities for the various mental health disorders.
 - 42.06 Recognize the potential for suicide attempts in the depressed person and initiate appropriate intervention.
 - 42.07 Describe treatments and resources for the addicted client
 - 42.08 Describe drug seeking behaviors
 - 42.09 Identify an individual in crisis and describe appropriate interventions
 - 42.10 Describe the enabling personality in mental health and addictive treatment
 - 42.11 Correlate Maslow's Hierarchy with both physical and mental components of health
- 43.0 Develop transitional skills --The student will be able to:
- 43.01 Organize complex patient care assignments with multiple clients.
 - 43.02 Discuss F.S. 464 and the corresponding Rules
 - 43.03 Discuss the scope of practice of a Licensed Practical Nurse in a leadership/supervisory role

- 43.04 Describe the role of the LPN in delegation to unlicensed personnel
 - 43.05 Describe the Florida Board of Nursing requirements for licensure renewal
 - 43.06 Demonstrate an understanding of licensure by examination and by endorsement
 - 43.07 Complete application for licensure by examination.
 - 43.08 Discuss current legislation pertinent to the Florida Board of Nursing and its effect on your nursing practice.
 - 43.09 Determine how to apply for membership in a professional organization.
 - 43.10 Discuss benefits and responsibilities of the LPN in membership in a professional organization.
- 44.0 Demonstrate employability skills specific to practical nursing--The student will be able to:
- 44.01 Recognize the potential for stress in the practice of nursing and develop methods of managing stress.
 - 44.02 Recognize the potential for violence in the workplace and describe methods of reducing that potential.
 - 44.03 Identify employment opportunities for licensed practical nurses
 - 44.04 Participate in interview skill development activities.
 - 44.05 Complete letters of job application and resignation.
 - 44.06 Complete a professional portfolio, including a resume

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 and 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 Manage special iv therapy procedures. – The student will be able to:
- 10.01 Describe and utilize the nursing management necessary for heparin locks.
 - 10.02 Describe and utilize the nursing management necessary for central lines.
 - 10.03 Describe and utilize the nursing management necessary for arterial 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 and abbreviations correctly.
 - 11.03 Use correct IV terminology in all written and oral communications.
- 12.0 Manage 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 Demonstrate blood drawing via central lines.
 - 12.04 List central line complications and interventions appropriate to correct them.
 - 12.05 Describe and perform central line dressings, cap changes, and flushing, noting the adverse effects and remediation.

2011-2012

**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 1
Course Number: 8418310
Course Credit: 1

Course Description:

This course covers the Core and the competencies for OCP A and B (Articulated Nursing Assistant) with the addition of 15 clinical hours. It includes basic communication skills; math and science, employability skills, safety practices, legal and ethical responsibilities, knowledge of the health care system as a whole, principles of infection control, first aid, and basic patient care competencies.

Health Science Core: The Health Science Core is a core of basic knowledge necessary for any health occupations career. Students who have previously completed the Health Science Core in any other health occupations program do not have to repeat intended outcomes 01-16.

01.0 Demonstrate knowledge of the health care delivery system and health occupations. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:

[MA.912.A.3.1,3.3, 10.1;MA.912.F.2.2,4.6,4.7;MA.912.S.2.2;SC.912.L.16.10;HE.912.C.2.4, 2.6;HE.912.B.1.1, 1.3, 1.4, 1.5, 1.6; HE.912.P.2.3]

- 01.01 Identify the basic components of the health care 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 health care providers and the range of services available including resources to victims of domestic violence.
- 01.04 Describe the composition and functions of a health care team
- 01.05 Identify the general roles and responsibilities of the individual members of the health care team.
- 01.06 Identify the roles and responsibilities of the consumer within the healthcare system.
- 01.07 Explain the cause and effects of factors that influence the current delivery system of healthcare.
- 01.08 Explain the impact of emerging issues including technology, epidemiology, bioethics and socioeconomics on healthcare delivery systems.

02.0 Use oral and written communication skills in creating, expressing and interpreting information and ideas. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: [MA.912.D.6.4, 7.1, 7.2; MA.912.A.10.1, 10.2; SC.912.N.1.1; HE912.C.2.2, 2.3; HE.912.B.2.1, 2.4]

- 02.01 Apply basic speaking and active listening skills including reflection, restatement, and clarification techniques.

- 02.02 Develop basic observational skills and related documentation strategies in written and oral form.
 - 02.03 Identify characteristics of successful and unsuccessful communication including communication styles and barriers.
 - 02.04 Compose written communication using correct spelling, grammar, a formatting and confidentiality and specific formats of letter writing.
 - 02.05 Use appropriate medical terminology and abbreviations.
 - 02.06 Recognize the importance of courtesy and respect for patients and other health care workers and maintain good interpersonal relationships.
 - 02.07 Recognize the importance of patient/client education regarding health care.
 - 02.08 Adapt communication skills to varied levels of understanding and cultural orientation including diverse age, cultural, economic, ethnic and religious groups.
 - 02.09 Analyze elements of communication using a sender-receiver model.
 - 02.10 Distinguish between and report subjective and objective information.
 - 02.11 Report relevant information in order of occurrence.
 - 02.12 Select and employ appropriate communication concepts and strategies to enhance oral and written communication in the workplace. CM 1.0
 - 02.13 Locate, organize and reference written information from various sources. CM 3.0
 - 02.14 Design, develop and deliver formal and informal presentations using appropriate media to engage and inform diverse audiences. CM 5.0
 - 02.15 Interpret verbal and nonverbal cues/behaviors that enhance communication. CM 6.0
 - 02.16 Apply active listening skills to obtain and clarify information. CM 7.0 eliminate
 - 02.17 Develop and interpret tables and charts to support written and oral communications. CM 8.0
 - 02.18 Exhibit public relations skills that aid in achieving customer satisfaction. CM 10.0
- 03.0 Describe the importance of professional ethics and legal responsibilities. –The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: [SC.912.N.1.1; SC.912.L.16.10; MA.912.F.4.7.4.8; MA.912.D.6.2, 6.3, 6.4]

- 03.01 Discuss the legal framework of the healthcare occupations including scope of practice legislation
- 03.02 Explain practices that could result in malpractice, liability, negligence, abandonment, false imprisonment and fraud.
- 03.03 Demonstrate procedures for accurate documentation and record keeping.
- 03.04 Interpret healthcare facility policy and procedures.
- 03.05 Explain the patients' "Bill of Rights."
- 03.06 Identify and implement standards of the Health Insurance Portability and Accountability Act (HIPAA).
- 03.07 Describe advance directives.
- 03.08 Distinguish between express, implied and informed consent.
- 03.09 Explain the laws governing harassment, labor and employment.
- 03.10 Differentiate between legal and ethical issues in healthcare.
- 03.11 Describe a Code of Ethics consistent with the health care occupation.
- 03.12 Identify and compare personal, professional and organizational ethics.
- 03.13 Recognize the limits of authority and responsibility of health care workers including legislated scope of practice.
- 03.14 Recognize and report illegal and/or unethical practices of health care workers.
- 03.15 Recognize and report abuse including domestic violence and neglect.

- 03.16 Evaluate and justify decisions based on ethical reasoning. ELR 1.0
- 03.17 Evaluate alternative responses to workplace situations based on personal, professional, ethical, legal responsibilities, and employer policies. ELR1.1
- 03.18 Identify and explain personal and long-term consequences of unethical or illegal behaviors in the workplace. ELR1.2
- 03.19 Interpret and explain written organizational policies and procedures.ELR 2.0
- 03.20 Distinguish among the five schedules of controlled substances.

04.0 Demonstrate an understanding of and apply wellness and disease concept. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:

[SC.912.L.14.52,
14.46,18.3,18.4;SC.912.N.2.2,2.3,4.2;MA.912.D.6.3,6.4;MA.912.A.5.1,5.4;HE.912.C.1.3,
1.5; HE.912.P.1.2 ;HE.912.B.1.4, 3.1, 3.4, 3.6]

- 04.01 Describe and apply strategies for prevention of diseases including health screenings and examinations.
- 04.02 Identify personal health practices and environmental factors which affect optimal function of each of the major body systems.
- 04.03 Identify psychological reactions to illness including defense mechanisms.
- 04.04 Identify complementary and alternative health practices including biomedical therapies
- 04.05 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.
- 04.06 Explain basic concepts of positive self image, wellness and stress.
- 04.07 Develop a wellness and stress control plan that can be used in personal and professional life.
- 04.08 Explain the nutrition pyramid.
- 04.09 Recognize the steps in the grief process.

05.0 Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.N.1.1, 1.6; MA.912.D.9.1, 9.2, 9.3; HE.912.C.1.5, 2.4; HE.912.P.1.2]

- 05.01 Describe personal and jobsite safety rules and regulations that maintain safe and healthy work environments. SHE 1.0
- 05.02 Demonstrate the safe use of medical equipment.
- 05.03 Explain and apply the theory of root- cause analysis
- 05.04 Identify and describe methods in medical error reduction and prevention in the various healthcare settings.
- 05.05 Identify and practice security procedures for medical supplies and equipment.
- 05.06 Demonstrate personal safety procedures based on Occupations Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) regulations (including standard precautions).
- 05.07 Recognize Materials Data Safety Sheets (MSDS) and comply with safety signs, symbols and labels.
- 05.08 Demonstrate proper body mechanics and ergonomics.

- 05.09 Demonstrate the procedure for properly identifying patients.
- 05.10 Demonstrate procedures for the safe transport and transfer of patients.
- 05.11 Describe fire safety, disaster and evacuation procedures.
- 05.12 Create a disaster and/or emergency response plan. SHE 2.3
- 05.13 Discuss The Joint Commission patient safety goals. (www.jointcommission.org)
- 05.14 Explain emergency procedures to follow in response to workplace accidents. SHE 2.0

06.0 Recognize and respond to emergency situations. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.N.1.1; MA.912.A.2.1, 2.2]

- 06.01 Monitor and record vital signs.
- 06.02 Describe legal parameters relating to the administration of emergency care.
- 06.03 Obtain and maintain training or certification in cardiopulmonary resuscitation (CPR), automated external defibrillator (AED), foreign body airway obstruction (FBAO) and first aid.
- 06.04 Recognize adverse drug related emergencies and take appropriate first aid action.

07.0 Recognize and practice infection control procedures. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.L.14.6, 14.52, 17.6, 17.14, 17.16; HE.912.C.2.4]

- 07.01 Define principles of infection control including standard and transmission based precautions.
- 07.02 Demonstrate knowledge of medical asepsis and practice procedures such as handwashing and isolation.
- 07.03 Demonstrate knowledge of surgical asepsis.
- 07.04 Describe how to dispose correctly of biohazardous materials, according to appropriate government guidelines such as OSHA.

08.0 Use information technology tools. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.N.1.1; HE.912.C.2.6; HE.912.B.1.6]

- 08.01 Describe technology applications in healthcare.
- 08.02 Define terms and demonstrate basic computer skills.
- 08.03 Interpret information from electronic medical documents.
- 08.04 Employ technological tools to expedite workflow including word processing, databases, reports, spreadsheets, multimedia presentations, electronic calendar, contacts, email, and internet applications. IT 2.0
- 08.05 Use personal information management (PIM) applications to increase workplace efficiency. IT 1.0
- 08.06 Employ computer operations applications to access, create, manage, integrate, and store information. IT 3.0
- 08.07 Employ collaborative/groupware applications to facilitate group work. IT 4.0

- 09.0 Explain the importance of employability skill and entrepreneurship skills. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[MA.912.F.4.1, 4.2, 4.5; MA.912.D.6.2.6.3, 6.4]

- 09.01 Identify personal traits or attitudes desirable in a member of the healthcare team.
- 09.02 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).
- 09.03 Identify documents that may be required when applying for a job. Maintain a career portfolio to document knowledge, skills, and experience. ECD 5.0
- 09.04 Write an appropriate resume.
- 09.05 Conduct a job search and complete a job application form correctly.
- 09.06 Demonstrate competence in job interview techniques.
- 09.07 Examine levels of education, credentialing requirements including licensure and certification, employment opportunities, workplace environments and career growth potential.
- 09.08 Identify and demonstrate positive work behaviors needed to be employable. ECD 1.0
- 09.09 Compare careers within the health science career pathways (diagnostic services, therapeutic services, health informatics, support services or biotechnology research and development).
- 09.10 Develop personal career plan that includes goals, objectives, and strategies. ECD 2.0
- 09.11 Examine licensing, certification, and industry credentialing requirements. ECD 3.0
- 09.12 Evaluate and compare employment opportunities that match career goals. ECD 6.0
- 09.13 Identify and exhibit traits for retaining employment. ECD 7.0
- 09.14 Identify opportunities and research requirements for career advancement. ECD 8.0
- 09.15 Research the benefits of ongoing professional development. ECD 9.0
- 09.16 Examine and describe entrepreneurship opportunities as a career planning option. ECD 10.0

- 10.0 Demonstrate knowledge of blood borne diseases, including HIV/AIDS. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.L.14.6,14.52; MA, .912.D.6.4.6.6;MA.912.P.2.1,2.3;HE.912.P.2.1; HE.912.B.1.4 ;HE.912.C. 1.1, 1.5, 1.6, 1.7, 1.8, 2.2, 2.7, 2.8]

- 10.01 Recognize emerging diseases and disorders.
- 10.02 Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood borne pathogens including Hepatitis B.
- 10.03 Identify "at risk" behaviors that promote the spread of diseases caused by blood borne pathogens and the public education necessary to combat the spread of these diseases.
- 10.04 Identify community resources and services available to the individuals with diseases caused by blood borne pathogens.

- 10.05 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.
- 10.06 Demonstrate knowledge of the legal aspects of HIV/AIDS, including testing.

11.0 Demonstrate mathematics and science knowledge and skills– The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[MA.912.A.1.4, 1.5, 1.1, 10.2, 2.7, 2.2; SC.912.N.1.1]

- 11.01 Construct charts/tables/graphs to interpret health care practices using functions and data AF3.5
- 11.02 Measure time, temperature, distance, capacity, and mass/weight.
- 11.03 Make, use and convert using both traditional and metric units.
- 11.04 Make estimates and approximations and judge the reasonableness of the result.
- 11.05 Convert from regular time to the 24-hour clock.
- 11.06 Demonstrate ability to evaluate and draw conclusions.
- 11.07 Formulate scientifically investigable questions, construct investigations, collect and evaluate data, and develop scientific recommendations based on findings. AF4.3
- 11.08 Demonstrate knowledge of arithmetic operations. AF3.2
- 11.09 Analyze and apply data and measurements to solve problems and interpret documents. AF3.4
- 11.10 Discuss the role of creativity in constructing scientific questions, methods and explanations. AF4.1

12.0 Demonstrate language arts knowledge and skills. –The students will be able to:

- 12.01 Locate, comprehend and evaluate key elements of oral and written information. AF2.4
- 12.02 Draft, revise, and edit written documents using correct grammar, punctuation and vocabulary. AF2.5
- 12.03 Present information formally and informally for specific purposes and audiences. AF2.9

13.0 Demonstrate personal money-management concepts, procedures, and strategies. – The students will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[MA.912.F.4.1, 4.2]

- 13.01 Identify and describe the services and legal responsibilities of financial institutions. FL 2.0
- 13.02 Describe the effect of money management on personal and career goals. FL 3.0
- 13.03 Develop a personal budget and financial goals. FL3.1
- 13.04 Complete financial instruments for making deposits and withdrawals.FL3.2
- 13.05 Maintain financial records. FL3.3
- 13.06 Read and reconcile financial statements. FL3.4
- 13.07 Research, compare and contrast investment opportunities. FL4.0

- 14.0 Solve problems using critical thinking skills, creativity and innovation. – The students will be able to:
- 14.01 Employ critical thinking skills independently and in teams to solve problems and make decisions. PS1.0
 - 14.02 Employ critical thinking and interpersonal skills to resolve conflicts. PS 2.0
 - 14.03 Identify and document workplace performance goals and monitor progress toward those goals. PS 3.0
 - 14.04 Conduct technical research to gather information necessary for decision-making. PS 4.0
- 15.0 Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment. – The students will be able to:
- 15.01 Describe the nature and types of business organizations. SY 1.0
 - 15.02 Explain the effect of key organizational systems on performance and quality. SY 1.0
 - 15.03 List and describe quality control systems and/or practices common to the workplace. SY 2.0
 - 15.04 Explain the impact of the global economy on business organizations. SY 2.0
- 16.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives. – The students will be able to:
- 16.01 Employ leadership skills to accomplish organizational goals and objectives. LT1.0
 - 16.02 Establish and maintain effective working relationships with others, in order to accomplish objectives and tasks. LT3.0
 - 16.03 Conduct and participate in meetings to accomplish work tasks. LT 4.0
 - 16.04 Employ mentoring skills to inspire and teach others. LT 5.0
 - 16.05 Analyze attributes and attitudes of an effective leader.
 - 16.06 Recognize factors and situations that may lead to conflict. .
 - 16.07 Demonstrate effective techniques for managing team conflict.

Module: Articulated Nursing Assistant

The following intended outcomes 17-27 should be taught together as a module to achieve the occupational completion point of Articulated Nursing Assistant. The average achieving student should be able to complete the module in 75 clock hours. The entire Articulated Nursing Assistant program including the core, is 165 hours for the average achieving student but cannot be less than 120 hours.

Successful completion of the occupational completion point of Articulated Nursing Assistant qualifies the student to take the state certification examination for Nursing Assistant if the program has been approved. To be approved the program must be taught by a registered nurse and must have 40 hours of clinical, twenty of which are in a licensed nursing home, and be at least 120 hours in length. This secondary 150 hour course contains 25 hours of clinical and requires 15 more to reach the OCP. Nursing Assistant certification is required for employment in a nursing home, in accordance with Chapter 82-163, Florida Statutes.

Students completing this module will be able to:

- 17.0 Use verbal and written communications specific to nursing assistant. – The student will be able to:
- 17.01 Obtain specified data from patient and family.
 - 17.02 Utilize verbal and written information to assist with the patient's plan of care.
 - 17.03 Demonstrate use of the intercom.
- 18.0 Demonstrate legal and ethical responsibilities specific to nursing assistant. – The student will be able to:
- 18.01 Demonstrate legal and ethical behavior within the role and scope of nursing assistant responsibilities.
 - 18.02 Describe the purpose of the chain of command (i.e., to resolve patient or employee problems).
 - 18.03 Follow policies and procedures affecting the health, safety, and well-being of patients.
 - 18.04 Recognize and report signs of substance abuse.
 - 18.05 Follow legal guidelines in charting.
 - 18.06 Exhibit behavior supporting and promoting residents' rights.
- 19.0 Perform physical comfort and safety functions specific to nursing assistant. – The student will be able to:
- 19.01 Maintain patient units and equipment.
 - 19.02 Maintain service areas on the units including supplies and equipment.
 - 19.03 Observe, report, and note changes in the patient's behavior, including mental awareness.
 - 19.04 Adjust bed and siderails.
 - 19.05 Lift, hold, and transfer patients including the use of the mechanical lift utilizing good body mechanics.
 - 19.06 Turn and position patient.
 - 19.07 Apply protective devices as directed (e.g., vest and belt).
 - 19.08 Apply comfort devices as directed (e.g., footboard, overbed cradle, alternating pressure mattress).
 - 19.09 Assist patient to dangle.
 - 19.10 Assist patient in ambulation, including the use of crutch, cane, or walker.
 - 19.11 Assist patient in using wheelchair.
 - 19.12 Assist patient with care and use of prosthetic/orthotic devices.
 - 19.13 Administer back rub.
 - 19.14 Describe emergency procedures utilized in the clinical area(s).
- 20.0 Provide personal patient care. – The student will be able to:
- 20.01 Give bed bath.
 - 20.02 Assist with shower or tub bath, including the use of specialty tubs.
 - 20.03 Assist patient with sink, tub, shower, or bed shampoo.
 - 20.04 Shave patient.
 - 20.05 Groom patient, including hair, skin, foot, and nail care.
 - 20.06 Assist with and/or administer oral hygiene including denture care.
 - 20.07 Assist patient with toileting using a bedpan and urinal.
 - 20.08 Assist patient to dress.
 - 20.09 Assist patient with meals.

- 20.10 Provide bowel and bladder training.
- 20.11 Give perineal care.
- 20.12 Empty urinary drainage.

21.0 Perform patient care procedures. – The student will be able to:

- 21.01 Demonstrate ability to accurately measure and record vital signs.
- 21.02 Admit patient.
- 21.03 Assist with transfer patient.
- 21.04 Assist with discharge of patient.
- 21.05 Make unoccupied/occupied bed.
- 21.06 Measure and record patient's height and weight.
- 21.07 Assist patient in passive range-of-motion exercises.
- 21.08 Apply anti-embolic hose and sequential compression devices.
- 21.09 Collect, strain, and/or test routine urine specimen.
- 21.10 Collect timed urine specimen.
- 21.11 Monitor catheter drainage system.
- 21.12 Collect clean-catch (midstream-voided) urine specimen.
- 21.13 Monitor fluid intake and output (I&O).
- 21.14 Observe, record, and report patient's emesis..
- 21.15 Monitor and assist with care of catheters.
- 21.16 Assist with ostomy care.
- 21.17 Collect stool specimen.
- 21.18 Perform postmortem care.
- 21.19 Maintain patient-belongings list.
- 21.20 Care for patients with nasal, gastrostomy, and/or intravenous tubes.
- 21.21 Collect sputum specimen.

22.0 Apply principles of nutrition. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.L.18.1, 18.2,18.4; AICE 1.1,1.3,1.4,2.1,3.1,4.1,4.3,5.1,5.2]

- 22.01 Identify nutrients and food groups.
- 22.02 Explain regional, cultural, and religious food preferences.
- 22.03 Describe special diets.
- 22.04 Prepare a basic food plan.
- 22.05 Check patient's diet tray for accuracy.
- 22.06 Identify methods of maintaining fluid balance.
- 22.07 Feed a patient

23.0 Provide care for geriatric patients. – The student will be able to:

- 23.01 Identify safety principles as related to the elderly.
- 23.02 Describe general characteristics, particular needs, and problems of the elderly.
- 23.03 Identify attitudes and living habits that promote positive mental and physical health for the elderly.
- 23.04 Distinguish between fact and fallacy about the aging process.
- 23.05 Identify community resources and services available to the elderly.
- 23.06 Apply Reality Orientation Techniques and Validation Therapy.
- 23.07 Provide and involve patients in diversional activities.
- 23.08 Identify common alterations in elderly patient behavior.

- 23.09 Provide care for patients with special needs (e.g., impaired hearing, impaired vision, immobility, impaired body functions).
 - 23.10 Recognize and respond appropriately to symptoms of common diseases, including dementia, depression/suicide and Alzheimer's.
 - 23.11 Identify common problems in drug use and abuse in the elderly.
 - 23.12 Identify components of the grief process.
- 24.0 Apply the principles of infection control specific to nursing assistant. – The student will be able to:
- 24.01 Provide care for patients with infectious diseases applying the principles of "Universal (standard) Precautions" utilized with all patients as well as special procedures required.
 - 24.02 Set up isolation unit.
 - 24.03 Follow isolation procedure with food tray, garments, and other materials.
 - 24.04 Collect specimen from patient in isolation.
- 25.0 Provide biological, psychological, and social support. – The student will be able to:
- 25.01 Discuss family roles and their significance to health.
 - 25.02 Respond to patient and family emotional needs.
- 26.0 Develop supervised organizational skills, following the patient plan of care. – The student will be able to:
- 26.01 Organize patient-care assignments.
 - 26.02 Complete assignments accurately and in a timely manner.
- 27.0 Assist with restorative (rehabilitative) activities. – The student will be able to:
- 27.01 List the purposes of restorative (rehabilitation) programs.
 - 27.02 Assist patients with specified restorative (rehabilitation) needs.
 - 27.03 Assist patients/residents to reach the optimum level of independence.

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**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 2
Course Number: 8418320
Course Credit: 1

Course Description:

This course is a continuation of Practical Nursing 1. It includes normal body structure and function, human growth and development, and principles of nutrition.

Laboratory and 50 hours of clinical experiences are an integral part of this course.

34.0 Describe the anatomy and physiology of the human body. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
 [SC.912.L.12.44,14.11,
 14.12,14.13,14.15,14.16,14.19,14.20,14.21,14.25,14.26,14.27,14.28,14.29,14.30,14.31,
 14.32,14.33,14.34,14.35,14.36,14.37,14.38,14.39,14.40,14.41,14.43,14.45,14.46,14.48,
 14.49,14.50,14.51;16.13]

- 34.01 Describe the relationships of body systems in providing patient care.
- 34.02 Describe the structure and function of the respiratory system.
- 34.03 Describe the structure and function of the cardio-vascular system.
- 34.04 Describe the structure and function of the muscular-skeletal system.
- 34.05 Describe the structure and function of the nervous, skin, and sensory systems.
- 34.06 Describe the structure and function of the reproductive system.
- 34.07 Describe the structure and function of the urinary system.
- 34.08 Describe the structure and function of the digestive system.
- 34.09 Describe the structure and function of the endocrine system.

31.0 Describe human growth and development. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
 [SC.912.L.16.13]

- 31.01 Describe characteristics of growth and development from conception to birth.
- 31.02 Describe characteristics of growth and development from birth through preschool.
- 31.03 Describe characteristics of growth and development from school age through adolescence.
- 31.04 Describe characteristics of growth and development of the adult through the life span.
- 31.05 Discuss family roles and their significance to health.

35.0 Apply principles of nutrition. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards: [AICE
 2.1, 2.2, 3.1, 3.4, 3.5, 4.1, 4.24.3, 5.2, 6.2, 6.4]

- 35.01 Assist patient with and maintain therapeutic diets.
- 35.02 List factors which must be considered when purchasing food.
- 35.03 List factors which must be considered when storing food safely.
- 35.04 Identify methods of safe food preparation.

2011-2012

**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 3
Course Number: 8418330
Course Credit: 1

Course Description:

This course includes fundamentals of nursing, introduction to medical surgical nursing, and introduction to Pharmacology. It provides the student with information regarding common acute and chronic medical and surgical conditions including the management, needs and nursing care of patients with these conditions.

28.0 Demonstrate computer literacy as related to nursing functions. – The student will be able to:

- 28.01 Demonstrate computational, keyboarding and retrieval skills relevant to job requirements for a Licensed Practical Nurse.
- 28.02 Identify computer skills utilized for each clinical rotation and apply, as appropriate.

29.0 Use appropriate verbal and written communications in the performance of nursing functions. --The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.N.1.1]

- 29.01 Receive and give oral report of patient's status.
- 29.02 Report and record objective, pertinent observations.
- 29.03 Maintain current documentation.
- 29.04 Document changes in patient behavior and mental awareness.
- 29.05 Obtain specified data from patient and family.
- 29.06 Define and explain the steps in the nursing process and the role of the licensed practical nurse in that process.
- 29.07 Utilize nursing principles to assist with the patient's plan of care.

30.0 Demonstrate legal and ethical responsibilities specific to the nursing profession. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.L.16.10]

- 30.01 Identify the components of the Nurse Practice Act.
- 30.02 Practice within the role and scope of the job description.
- 30.03 Follow policies and procedures affecting the health, safety, and well-being of patients.
- 30.04 Follow legal guidelines in charting.

32.0 Apply the principles of infection control, utilizing nursing principles. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.L.14.52]

- 32.01 Put on and remove personal protective equipment.
- 32.02 Collect specimen from isolated patient.
- 32.03 Demonstrate procedures for initiating isolation, including care and disposal of equipment and supplies.

33.0 Perform aseptic techniques. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.L.14.52]

- 33.01 Apply principles of medical and surgical asepsis.
- 33.02 Apply and remove sterile gloves and gown.
- 33.03 Apply sterile dressing.
- 33.04 Open sterile equipment and supplies.
- 33.05 Maintain sterile field.
- 33.06 Clean and disinfect equipment.

36.0 Perform nursing procedures. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[MA.912.A.3.1; SC.912.P.10.18;SC.912.L.14.14,14.20,14.21,14.33,14.49,14.46,14.44,
14.45,14.48,14.51,14.52;SC.912.N.1.1]

- 36.01 Assist the RN with patient assessments.
- 36.02 Apply hot and cold applications.
- 36.03 Assist patient with sitz bath.
- 36.04 Apply pelvic belt for traction.
- 36.05 Apply cervical collar.
- 36.06 Monitor chest drainage system.
- 36.07 Monitor patient's following special procedures (e.g. I.V.P., myelogram, MRI, CAT scan).
- 36.08 Apply bandage.
- 36.09 Apply binders.
- 36.10 Apply brace.
- 36.11 Apply splints.
- 36.12 Care for patient in skin and skeletal traction.
- 36.13 Clean tong/pin site.
- 36.14 Change clean dressing.
- 36.15 Insert urinary catheter.
- 36.16 Obtain specimen from patient with indwelling catheter.
- 36.17 Measure urine specific gravity.
- 36.18 Remove retention catheter.
- 36.19 Change ostomy appliance.
- 36.20 Connect nasogastric tube to suction machine.
- 36.21 Remove nasogastric tube.
- 36.22 Administer gavage feeding.
- 36.23 Perform neurological checks.
- 36.24 Give enema.
- 36.25 Logroll patient.

- 36.26 Test stool for occult blood.
- 36.27 Perform naso-oral-pharyngeal suction.
- 36.28 Perform tracheostomy care.
- 36.29 Irrigate urinary catheter.
- 36.30 Maintain continuous urinary bladder irrigation.
- 36.31 Irrigate ear.
- 36.32 Irrigate eye.
- 36.33 Irrigate nasogastric tube.
- 36.34 Irrigate vaginal canal.
- 36.35 Irrigate wound.
- 36.36 Irrigate oral cavity.
- 36.37 Irrigate colostomy.
- 36.38 Maintain enteral feeding tubes.
- 36.39 Instruct patient in breathing exercises.
- 36.40 Obtain and test a drop of blood for glucose monitoring.
- 36.41 Assist with physical examination.
- 36.42 Assist patient with diagnostic procedures.
- 36.43 Set up vaporizer/humidifier.
- 36.44 Administer and maintain oxygen.
- 36.45 Perform calculation and adjust IV flow rate.
- 36.46 Observe intravenous infusion and report signs of adverse reactions.
- 36.47 Inspect insertion site, change dressing, and remove IV needle or catheter from peripheral veins.
- 36.48 Hang bags or bottles of hydrating fluid.
- 36.49 Provide postmortem care.

37.0 Administer medication. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[MA.912.A.3.1; SC.912.L.14.20, 14.50, 14.51]

- 37.01 Demonstrate accurate dosage calculation.
- 37.02 Demonstrate the six rights of administering medication.
- 37.03 Observe and respond to patient's need for medication.
- 37.04 Administer topical medication.
- 37.05 Administer inhalants.
- 37.06 Administer oral medication.
- 37.07 Administer sublingual medication.
- 37.08 Administer rectal medication.
- 37.09 Administer vaginal medication.
- 37.10 Administer eye medications.
- 37.11 Administer ear drops.
- 37.12 Administer nose drops.
- 37.13 Administer intramuscular injection (including Z-tract).
- 37.14 Administer intradermal injection.
- 37.15 Administer subcutaneous injection.
- 37.16 Properly obtain, monitor and document use of controlled substances.
- 37.17 Instill bladder medication.
- 37.18 Care for equipment and supplies used to administer medications.
- 37.19 Assist the patient with self-administration of medications, reinforce teaching by the RN on the patient's medication, their expected effects and potential side effects.

- 37.20 Observe and communicate effects of medications.
 - 37.21 Document administration of medication and patient's response on medical record.
 - 37.22 Store medications properly.
 - 37.23 Demonstrate use of medication resources.
- 39.0 Provide care for pre-operative and post-operative patients, utilizing nursing principles. –
The student will be able to:
- 39.01 Provide pre-operative and post-operative teaching.
 - 39.02 Perform a surgical prep.
 - 39.03 Prepare patient for operating room.
 - 39.04 Prepare patient's medical records for operating room.
 - 39.05 Provide post-operative care.
 - 39.06 Reinforce post-operative discharge teaching provided by the RN.
- 42.0 Provide bio-psycho-social support--The student will be able to:
- 42.01 Respond to emotional needs of patient and family.
 - 42.02 Discuss Coping Mechanisms as seen in the performance of healthcare
 - 42.03 Differentiate between mental health and mental illness
 - 42.04 Recognize signs and symptoms of the various mental health disorders.
 - 42.05 Discuss treatment modalities for the various mental health disorders.
 - 42.06 Recognize the potential for suicide attempts in the depressed person and initiate appropriate intervention.
 - 42.07 Describe treatments and resources for the addicted client
 - 42.08 Describe drug seeking behaviors
 - 42.09 Identify an individual in crisis and describe appropriate interventions
 - 42.10 Describe the enabling personality in mental health and addictive treatment
 - 42.11 Correlate Maslow's Hierarchy with both physical and mental components of health
- 43.0 Develop transitional skills --The student will be able to:
- 43.01 Organize complex patient care assignments with multiple clients.
 - 43.02 Discuss F.S. 464 and the corresponding Rules
 - 43.03 Discuss the scope of practice of a Licensed Practical Nurse in a leadership/supervisory role
 - 43.04 Describe the role of the LPN in delegation to unlicensed personnel
 - 43.05 Describe the Florida Board of Nursing requirements for licensure renewal
 - 43.06 Demonstrate an understanding of licensure by examination and by endorsement
 - 43.07 Complete application for licensure by examination.
 - 43.08 Discuss current legislation pertinent to the Florida Board of Nursing and its effect on your nursing practice.
 - 43.09 Determine how to apply for membership in a professional organization.
 - 43.10 Discuss benefits and responsibilities of the LPN in membership in a professional organization.

2011-2012

**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 4
Course Number: 8418340
Course Credit: 1

Course Description:

This course is a continuation of Practical Nursing 3 and may be concurrent with Practical Nursing 3. 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 1.

2011-2012

**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 5
Course Number: 8418350
Course Credit: 1

Course Description:

This course provides information regarding signs and symptoms, diagnostic tests, and treatment and care for common acute and chronic and chronic medical and surgical conditions of the medical surgical patient. Principles of nutrition, asepsis, and pharmacology are continuous throughout medical surgical nursing.

38.0 Provide care for medical/surgical patients, utilizing nursing principles. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
 [SC.912.L. 14.11,14.12,14.13,14.15,14.16,14.19,14.20,14.21,14.25.14,26,14.27,14.28,
 14.29,14.30,14.31,14.3214.33,14.34,14.36,14.37,14.38,14.39,14.40,14.41,14.43,14.45,1
 4.46,14.47,14.48, 14.50,14.51,14.52;SC.912.P.8.11,8.12,10.18;SC.912.N.1.1]

- 38.01 Identify signs and symptoms of disease/disorders of the body systems.
- 38.02 Identify diagnostic tests used in the treatment of diseases/disorders of the body systems.
- 38.03 Identify medications used in the treatment of diseases/disorders of the body systems.
- 38.04 Identify nutritional needs of patients with diseases/disorders of the body systems.
- 38.05 Identify common alterations in patients with psychological disorders.
- 38.06 Care for the patient with respiratory disease/disorder.
- 38.07 Care for the patient with cardio-vascular disease/disorder.
- 38.08 Care for the patient with muscular-skeletal disease/disorder.
- 38.09 Care for the patient with nervous, skin, and sensory disease/disorder.
- 38.10 Care for the patient with reproductive disease/disorder.
- 38.11 Care for the patient with urinary disease/disorder.
- 38.12 Care for the patient with digestive disease/disorder.
- 38.13 Care for the patient with endocrine disease/disorder.

2011-2012

**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 6
Course Number: 8418360
Course Credit: 1

Course Description:

This course is a continuation of Practical Nursing 5 and may be concurrent with Practical Nursing 5. 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.

2011-2012

**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 7
Course Number: 8418370
Course Credit: 1

Course Description:

This course is a continuation of Practical Nursing 5 and 6 and may be concurrent with Practical Nursing 5 or 6. 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.

This course will provide the student with the opportunity to learn to plan, administer, and evaluate the nursing care of patients with complicated disorders of all systems of the body. Experiences will afford students with the opportunity to study the comprehensive principles of nursing dealing with the entire health team. Emphasis is placed on the development of confidence in performing nursing skills, skills in group planning for patient care, and the utilization of all available hospital and community resources for meeting the total needs of the patient.

**Florida Department of Education
Student Performance Standards**

Course title: Practical Nursing 8
Course number: 8418380
Course credit: 1

Course Description:

This course provides the student with information relating to specialty nursing including maternal/newborn, pediatrics and geriatrics, and as such reviews and relates to normal growth and development throughout the life cycle.

This course will provide the student with information relating to normal pregnancy, labor and delivery, the puerperium and the normal newborn. Selected deviation from the normal in all of these areas is also covered. Management, needs and nursing care of the mother and infant throughout the maternity cycle are emphasized. Skills taught in this course include selected therapeutic procedures relating to the care of the obstetrical patient and the newborn.

This course provides the student with information relating to common illnesses occurring in childhood, including needs and nursing care of the child. Skills taught in this course include selected therapeutic procedures including administration of medications.

It also provides review of geriatric care and procedures, as well as transitional employability skills.

40.0 Provide care for maternal/newborn patients, utilizing nursing principles. – The student will be able to:

This standard supports the following Next Generation Sunshine State Standards:
[SC.912.L.14.38, 14.41]

- 40.01 Describe prenatal care.
- 40.02 Assist with admitting patient to labor and delivery.
- 40.03 Monitor contractions.
- 40.04 Monitor fetal heart rate.
- 40.05 Recognize signs of fetal distress.
- 40.06 Assist with preparing patient for Caesarean.
- 40.07 Describe care during delivery process.
- 40.08 Describe Apgar score.
- 40.09 Suction infant's respiratory passage with bulb syringe.
- 40.10 Identify infant using mother's bracelet.
- 40.11 Weigh and measure infant.
- 40.12 Bathe infant.
- 40.13 Carry infant.
- 40.14 Feed infant.
- 40.15 Collect urine specimen from infant.
- 40.16 Provide post-partum care.
- 40.17 Demonstrate and perform perineal care.
- 40.18 Assist in breast care.
- 40.19 Assist mother with infant care.

- 40.20 Assist with Infant circumcision.
 - 40.21 Apply dressing to circumcision site.
 - 40.22 Clean infant genitalia and diaper.
 - 40.23 Discharge obstetric patient.
- 41.0 Provide care for pediatric patients, utilizing nursing principles. – The student will be able to:
- 41.01 Adapt nursing care for the pediatric patient.
 - 41.02 Apply safety principles for the pediatric patient.
 - 41.03 Describe general characteristics, particular needs, and problems of pediatric patients.
 - 41.04 Prepare patient and family for the hospital experience.
 - 41.05 Identify signs and symptoms of common disorders/diseases.
 - 41.06 Implement prescribed nutritional requirement.
 - 41.07 Provide diversion and recreational activities.
- 44.0 Demonstrate employability skills specific to practical nursing--The student will be able to:
- 44.01 Recognize the potential for stress in the practice of nursing and develop methods of managing stress.
 - 44.02 Recognize the potential for violence in the workplace and describe methods of reducing that potential.
 - 44.03 Identify employment opportunities for licensed practical nurses
 - 44.04 Participate in interview skill development activities.
 - 44.05 Complete letters of job application and resignation.
 - 44.06 Complete a professional portfolio, including a resume

**Florida Department of Education
Student Performance Standards**

Course Title: Practical Nursing 9
Course Number: 8418390
Course Credit: 1

Course Description:

This course is a continuation of Practical Nursing 8 and may be concurrent with Practical Nursing 8.

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.