

Florida Department of Education
CURRICULUM FRAMEWORK

Program Title: Patient Care Technician
Program Type: Job Preparatory
Occupational Area: Health Science Education
Components:

PSAV

Program Number H170694
CIP Number 0317.069905
Grade Level 30,31
Standard Length 600 hours
Certification: See individual module
VSO HOSA
Coop Method Yes with restrictions
Apprenticeship No
Facility Code: 253
Basic Skills
Math 10
Language 10
Reading 10

- I. **PURPOSE:** This program is designed to prepare students for employment as advanced cross trained nursing assistants (patient care technicians), **SOC Code 29-2000 (Health Technologists and Technicians)**, Health Care Technicians, Patient Care Assistants, Nursing Aides and Orderlies (66008439), Home Health Aides (66011456), or Allied Health Assistants. This program offers a broad foundation of knowledge and skills, expanding the traditional role of the nursing assistant, for both acute and long term care settings.

The 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.

- II. **PROGRAM STRUCTURE:** This program is a planned sequence of instruction consisting of six occupational completion points. The Health Science Core is required for all health programs and options. Secondary or postsecondary students who have previously completed the Health Science Core will not have to repeat the core. A student who completes the applicable competencies at any occupational completion point may either continue with the training program or exit as an occupational completer.

Specific course information regarding licensure and certification guidelines is included with the student performance standards

portion of the framework. The recommended length for the core is 90 clock hours.

This program may be offered in PSAV courses. Vocational credit shall be awarded to the student on a transcript in accordance with Section 1001.44, F.S.

The related modules available in this program are:

- Health Science Core
- Articulated Nursing Assistant
- Advanced Home Health Aide
- Patient Care Assistant
- Allied Health Assistant
- Advanced Allied Health Assistant
- Patient Care Technician

To complete at Patient Care Assistant, the module Core, Articulated Nursing Assistant and Home Health Aide plus the Patient Care Assistant module must be completed.

To complete at Patient Care Technician the module Core, Articulated Nursing Assistant, Advanced Home Health Aide, Patient Care Assistant, Allied Health Assistant, Advanced Allied Health Assistant and the last module of Patient Care Technician must be completed. The standard length of the entire program is 600 hours.

Total hours -600
OCP G PATIENT CARE TECHNICIAN-60 hours Industry Title SOC 29-2000,(Health Technologists and Technicians)
OCP F ADVANCED ALLIED HEALTH ASSISTANT-100 HOURS SOC 31-9099(Healthcare Support Workers, all other)
OCP E ALLIED HEALTH ASSISTANT-150 hours SOC 31-9099(Healthcare Support Workers, all other)
OCP D PATIENT CARE ASSISTANT-75 hours SOC 31-9099(Healthcare Support Workers, all other)
OCP C ADVANCED HOME HEALTH AIDE -50 hours SOC 31-9099(Healthcare Support Workers, all other)
OCP B ARTICULATED NURSING ASSISTANT-75 hours SOC 31-1012 Nurse Aides, Orderlies, & Attendants
OCP A Health Science CORE-90 hours SOC 31-9099(Healthcare Support Workers, all other)

CERTIFICATIONS

ROW 1 = ANY HEALTH OCC G

ROW 2 = PRAC NURSE @7 G

ROW 3 = REG NURSE G

ROW	1	2	3
CORE	X	X	X
Patient Care Assistant		X	X
Home Health Aide		X	X
Nursing Assistant (Articulated)		X	X
Allied Health Assistant	*	X	X
Advanced Allied Health Assistant	*	X	X
Patient Care Technician		X	X

* This option may only be used if the programs listed under the certification utilized encompass the competencies being taught.

III. **LABORATORY ACTIVITIES:** Students will perform nursing skills in a clinical setting for approximately one-half of the program, under the supervision of a qualified registered nurse instructor. The recommended teacher/student ratio in the clinical area is 1:12. Clinical learning experiences must correlate with didactic instructional and laboratory experiences.

IV. **SPECIAL NOTES:** Health Occupations Students of America, Inc. (HOSA) is the appropriate Career/Technical Student Organization (CSO) for providing leadership training and for reinforcing specific career/technical skills. CSOs, when provided, shall be an integral part of the vocational instructional program, and the activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065(8), FAC.

This program meets the Department of Health HIV/AIDS education requirements. Upon completion of this program, the instructor will provide a certificate to the student verifying that the HIV/AIDS requirements have been met.

This module up to and including Patient Care Assistant must be taught by a Registered Nurse meeting the qualifications as set forth in 6A-6.080(9) and 10D-

68.014(2) F.A.C. Students who have completed the Health Science Core may articulate to this program. For teacher certification requirements for the remaining modules please check the certification diagram and/or the individual module.

Cooperative training - OJT is appropriate for this program. Whenever cooperative training - OJT is offered, the following are required for each student: a training plan, signed by the student, teacher, and employer, which includes instructional objectives and a list of on-the-job and in-school learning experiences; a workstation which reflects equipment, skills and tasks that are relevant to the occupation which the student has chosen as a career goal. The student must receive compensation for work performed. **STUDENTS ENROLLED IN A STATE APPROVED NURSING ASSISTANT PROGRAM, APPROVED BY THE DEPARTMENT OF EDUCATION, MAY BE EMPLOYED AS A NURSING ASSISTANT FOR A PERIOD OF 4 MONTHS. THEY MUST, HOWEVER RECEIVE THEIR CERTIFICATION WITHIN THE 4 MONTHS.**

A voluntary Certified Patient Care Technician (CPCT) national Examination is available through the National Healthcare Association:

194 Route 46 East
Fairfield, NJ 07004
973/244-0023
1-800-499-9092

New programs must be approved by the Board of Nursing, Department of Health prior to enrolling students.

Students must have a minimum of 16 hours of training in communication and interpersonal skills, infection control, safety/emergency procedures, promoting residents' independence, and respecting residents' rights prior to any direct contact with a resident.

In accordance with Rule 6A-10.040 FAC, the minimum basic-skills grade levels required for this postsecondary adult vocational program are Mathematics 10.0, Language 10.0, and Reading 10.0. These grade-level numbers correspond to grade-equivalent scores obtained on state-designated basic-skills examinations.

Completion of this program should enable the postsecondary student to be given advanced standing in the Practical Nursing program H170605.

SCANS Competencies: Instructional strategies for this program must include methods that require students to identify, organize, and use resources appropriately; to work with each other cooperatively and productively; to acquire and use information; to understand social, organizational, and technological systems; and to work with a variety of tools and equipment. Instructional

strategies must also incorporate the methods to improve students' personal qualities and high-order thinking skills.

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Adult students with disabilities must self-identify and request such services. 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.

Equipment List: A generic equipment list is available for this program.

INTENDED OUTCOMES FOR HEALTH SCIENCE CORE MODULE:

OCP A-Basic Healthcare Worker- SOC
Code 31-9099 Healthcare Support Worker, All
Others

Outcomes 01-11 are referred to as the Health Science Core and do not have to be completed if the student has previously completed the core in another program at any level. However, outcomes 01-11 must be completed before the additional modules in this program. The Core should be taken first or concurrently with the first course in the program. Following the successful completion of the core, the student is eligible to take the national internet certification examination (Nocti) with instructor approval and the completion of a portfolio.

After completing the module, the student will be able to:

- 01.0 Demonstrate knowledge of the health care delivery system and health occupations.
- 02.0 Demonstrate the ability to communicate and use interpersonal skills effectively.
- 03.0 Demonstrate legal and ethical responsibilities.
- 04.0 Demonstrate an understanding of and apply wellness and disease concepts.
- 05.0 Recognize and practice safety and security procedures.
- 06.0 Recognize and respond to emergency situations.
- 07.0 Recognize and practice infection control procedures.
- 08.0 Demonstrate computer literacy.
- 09.0 Demonstrate employability skills.
- 10.0 Demonstrate knowledge of blood borne diseases, including AIDS.
- 11.0 Apply basic math and science skills.

INTENDED OUTCOMES FOR ARTICULATED NURSING ASSISTANT

MODULE:

OCCUPATIONAL COMPLETION POINT - DATA CODE B
SOC 31-1012 Nurse Aides, Orderlies, &
Attendants

(Certificates given at completion of this OCP should say "Articulated Nursing Assistant"). Intended outcomes 01-11 must be completed previously or concurrently with this module. After completing this module, the student will have achieved the occupational completion point of Articulated Nursing Assistant and will be able to:

- 12.0 Use verbal and written communications specific to the nursing assistant.
- 13.0 Demonstrate legal and ethical responsibilities specific to the nursing assistant.
- 14.0 Perform physical comfort and safety functions specific to the nursing assistant.
- 15.0 Provide personal patient care.
- 16.0 Perform patient care procedures.
- 17.0 Apply principles of nutrition.
- 18.0 Provide care for geriatric patients.
- 19.0 Apply the principles of infection control specific to the nursing assistant.
- 20.0 Provide biological, psychological, and social support.
- 21.0 Perform supervised organizational functions, following the patient plan of care.
- 22.0 Assist with restorative (rehabilitative) activities.

INTENDED OUTCOMES FOR ADVANCED HOME HEALTH AIDE MODULE:

OCCUPATIONAL COMPLETION POINT - DATA CODE C
HOME HEALTH AIDE - SOC Code 31-
1011 Home Health Aides

Intended outcomes 01-11 must be completed previously or concurrently with this module. Students in this module have already completed a Nursing Assistant program. After completing this module, the student will have achieved the occupational completion point of Home Health Aide and the student will be able to:

- 23.0 Use verbal and written communications specific to home health aide.
- 24.0 Demonstrate legal and ethical responsibilities specific to home health aide.
- 25.0 Perform physical comfort and safety functions specific to home health aide.
- 26.0 Apply principles of nutrition specific to home health aide.
- 27.0 Apply the principles of infection control specific to home health aide.
- 28.0 Perform home health-care services.

INTENDED OUTCOMES FOR PATIENT CARE ASSISTANT MODULE:

OCCUPATIONAL COMPLETION POINT - DATA CODE D

PATIENT CARE ASSISTANT - SOC code 31-9099

Healthcare Support Workers, all others

Intended outcomes 01-11 must be completed previously or concurrently with this module. Students enrolled in this module have previously completed a Nursing Assistant program and are adding these skills to work in a health care facility other than a nursing home. An occupational completion point can only be achieved when this module is completed plus the modules/credentials for Home Health Aide and Nursing Assistant. After completing this module, the student will be able to:

- 29.0 Perform nursing assistant skills related to the hospital setting.
- 30.0 Provide nursing assistant care for the adult patient.

INTENDED OUTCOMES FOR ALLIED HEALTH ASSISTANT

OCCUPATIONAL COMPLETION POINT-DATA CODE E
SOC code 31-9099 Healthcare Support Workers,
all others

Intended outcomes 0-11 must be completed previously or concurrently with this module. School certificates given to students following this module must say Allied Health Assistant. The specific skills completed by the student may be listed on the back of the certificate. After completing this module, the student will have achieved the occupational completion point of Allied Health Assistant and will be able to:

- 31.0 Perform skills representative of 1-3 major allied health areas as determined by local labor market demand. **Such skills must be at the aide level and not beyond the scope of unlicensed assistive personnel.**
- 32.0 Successfully complete a clinical rotation in the selected major allied health areas.

INTENDED OUTCOMES FOR ADVANCED ALLIED HEALTH ASSISTANT

OCCUPATIONAL COMPLETION POINT-DATA CODE F
SOC code 31-9099 Healthcare Support
Workers, all others

Intended outcomes 0-11 must be completed previously or concurrently with this module, as must be the previous module. School certificates given to students following this module must say Advanced Allied Health Assistant. The specific skills completed by the student may be listed on the back of the certificate. After completing this module, the student will have achieved the occupational completion point of Advanced Allied Health Assistant and will be able to:

- 33.0 Perform additional skills from the previous module which are in the aide level and do not go beyond the scope of practice of unlicensed assistive personnel.
- 34.0 Successfully complete a clinical rotation in the selected major allied health areas.

INTENDED OUTCOMES FOR PATIENT CARE TECHNICIAN:

OCCUPATIONAL COMPLETION POINT- DATA CODE G
PATIENT CARE TECHNICIAN
SOC 29-2000 (Health Technologists and Technicians),

Intended outcomes 01-11 must be completed previously or concurrently with this module. After completing all modules, the student will have achieved the occupational completion point of Patient Care Technician (advanced multi-skilled nursing assistant) and will be able to:

- 35.0 Demonstrate knowledge of organizational and effective team member skills.
- 36.0 Practice organizational and effective team member skills in a clinical setting.

**Florida Department of Education
STUDENT PERFORMANCE STANDARDS**

Program Title: Patient Care Technician
Postsecondary Number: H170694

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 the intended outcomes 01-11.

OCP A-Basic Healthcare Worker- SOC 31-9099 Healthcare Support Worker, All others

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.
- 01.02 Describe the various types of health care providers and the range of services available including resources to victims of domestic violence.
- 01.03 Describe the composition and functions of a health care team.
- 01.04 Identify the general roles and responsibilities of the individual members of the health care team.
- 01.05 Develop a basic understanding of human needs throughout the lifespan.
- 01.06 Explain the importance of maintaining professional competence through continuing education.
- 01.07 Describe trends affecting the delivery system of health care.

02.0 DEMONSTRATE THE ABILITY TO COMMUNICATE AND USE INTERPERSONAL SKILLS EFFECTIVELY--The student will be able to:

- 02.01 Develop basic listening skills.
- 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 barriers.
- 02.04 Respond to verbal and non-verbal cues.
- 02.05 Compose written communication using correct spelling, grammar, and format.
- 02.06 Use appropriate medical terminology and abbreviations.
- 02.07 Recognize the importance of courtesy and respect for patients and other health care workers and maintain good interpersonal relationships.
- 02.08 Recognize the importance of patient/client education regarding health care.
- 02.09 Adapt communication skills to varied levels of understanding and cultural orientation.

- 02.10 Demonstrate telephone usage including taking messages.
 - 02.11 Demonstrate ability to give and follow directions.
 - 02.12 Distinguish between factual reports and personal opinion.
 - 02.13 Read and discuss technical material.
- 03.0 DEMONSTRATE LEGAL AND ETHICAL RESPONSIBILITIES--The student will be able to:
- 03.01 Discuss the legal framework of health care occupations.
 - 03.02 Explain the medical liability of health care workers.
 - 03.03 Explain the patients' "Bill of Rights".
 - 03.04 Describe a Code of Ethics consistent with the health care industry.
 - 03.05 Discuss the importance of maintaining confidentiality of information, including computer information.
 - 03.06 Recognize the limits of authority and responsibility of health care workers.
 - 03.07 Recognize and report illegal and unethical practices of health care workers.
 - 03.08 Recognize and report abuse and neglect.
 - 03.09 Recognize sexual harassment and domestic violence.
- 04.0 DEMONSTRATE AN UNDERSTANDING OF AND APPLY WELLNESS AND DISEASE CONCEPTS--The student will be able to:
- 04.01 Develop a basic understanding of the structure and function of the body systems.
 - 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 Recognize the steps in the grief process.
 - 04.05 Explain basic concepts of positive self image, wellness and stress.
 - 04.06 Develop a wellness and stress control plan that can be used in personal and professional life.
 - 04.07 Explain the nutrition pyramid.
 - 04.08 Discuss the adverse effects of the use of alcohol, illegal drugs and steroids on the human body.
- 05.0 RECOGNIZE AND PRACTICE SAFETY AND SECURITY PROCEDURES--The student will be able to:
- 05.01 Demonstrate the safe use of medical equipment.
 - 05.02 Recognize and report safety hazards.
 - 05.03 Identify and practice security procedures for medical supplies and equipment.
 - 05.04 Demonstrate proper body mechanics.
 - 05.05 Demonstrate the procedure for properly identifying patients.

- 05.06 Demonstrate procedures for the safe transport and transfer of patients.
 - 05.07 Describe fire, safety, disaster and evacuation procedures.
 - 05.08 Discuss JCAHO patient safety goals. (www.JCAHO.org)
- 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 CPR skills.
 - 06.04 Demonstrate basic understanding of first aid and emergency care.
 - 06.05 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 Demonstrate knowledge of medical asepsis.
 - 07.02 Demonstrate knowledge of surgical asepsis.
 - 07.03 Describe how to dispose correctly of biohazardous materials, according to appropriate government guidelines such as OSHA.
- 08.0 DEMONSTRATE COMPUTER LITERACY--The student will be able to:
- 08.01 Define terms and demonstrate basic computer skills.
 - 08.02 Describe the uses of computers in health care.
- 09.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- 09.01 Conduct a job search.
 - 09.02 Secure information about a job.
 - 09.03 Identify documents that may be required when applying for a job.
 - 09.04 Complete a job application form correctly.
 - 09.05 Demonstrate competence in job interview techniques.
 - 09.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor, or other persons.
 - 09.07 Identify acceptable work habits.
 - 09.08 Demonstrate knowledge of how to make job changes appropriately.
 - 09.09 Demonstrate desirable health habits.
 - 09.10 Recognize appropriate affective/professional behavior.
 - 09.11 Write an appropriate resume.
- 10.0 DEMONSTRATE KNOWLEDGE OF BLOOD BORNE DISEASES, INCLUDING AIDS--The student will be able to:

- 10.01 Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood borne pathogens including Hepatitis B.
 - 10.02 Identify community resources and services available to the individuals with diseases caused by blood borne pathogens.
 - 10.03 Identify "at risk" behaviors which promote the spread of diseases caused by blood borne pathogens and the public education necessary to combat the spread of these diseases.
 - 10.04 Apply infection control techniques designed to prevent the spread of diseases to the care of all patients following Centers for Disease Control (CDC) guidelines.
 - 10.05 Demonstrate knowledge of the legal aspects of AIDS, including testing.
- 11.0 APPLY BASIC MATH AND SCIENCE SKILLS--The student will be able to:
- 11.01 Draw, read, and report on graphs, charts and tables.
 - 11.02 Measure time, temperature, distance, capacity, and mass/weight.
 - 11.03 Make and use measurements in both traditional and metric units.
 - 11.04 Make estimates and approximations and judge the reasonableness of the result.
 - 11.05 Convert from regular to 24 hour time.
 - 11.06 Demonstrate ability to evaluate and draw conclusions.
 - 11.07 Organize and communicate the results obtained by observation and experimentation.
 - 11.08 Ask appropriate scientific questions and recognize what is involved in experimental approaches to the solution of such questions.

OCCUPATIONAL COMPLETION POINT - DATA CODE B

NURSING AIDES and ORDERLIES -SOC 31-1012 Nurse Aides, Orderlies, & Attendants

MODULE: ARTICULATED NURSING ASSISTANT

The following intended outcomes 12-22 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 standard length for the Articulated Nursing Assistant program including the core, is 165 hours 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. Applications for approval are available through the State Supervisor for Health Science Education.

Students completing this module will be able to:

12.0 USE VERBAL AND WRITTEN COMMUNICATIONS SPECIFIC TO NURSING ASSISTANT--The student will be able to:

- 12.01 Obtain specified data from patient and family.
- 12.02 Utilize verbal and written information to assist with the patient's plan of care.
- 12.03 Demonstrate use of the intercom.

13.0 DEMONSTRATE LEGAL AND ETHICAL RESPONSIBILITIES SPECIFIC TO NURSING ASSISTANT--The student will be able to:

- 13.01 Demonstrate legal and ethical behavior within the role and scope of nursing assistant responsibilities, including conflict resolution.
- 13.02 Describe the purpose of the chain of command (i.e., to resolve patient or employee problems).
- 13.03 Follow policies and procedures affecting the health, safety, and well-being of patients.
- 13.04 Recognize and report signs of substance abuse.
- 13.05 Follow legal guidelines in charting.
- 13.06 Exhibit behavior supporting and promoting residents' rights.
- 13.07 Recognize that a C.N.A. must self report any crimes they've been involved in within 30 days of the offense. (FS 456.0727(1) W)
- 13.08 Discuss Florida certified nursing assistant rules.

14.0 PERFORM PHYSICAL COMFORT AND SAFETY FUNCTIONS SPECIFIC TO NURSING ASSISTANT--The student will be able to:

- 14.01 Maintain patient units and equipment.
- 14.02 Maintain service areas on the units including supplies and equipment.
- 14.03 Observe, report, and note changes in the patient's behavior, including mental awareness.
- 14.04 Adjust bed and siderails.
- 14.05 Lift, hold, and transfer patients including the use of the mechanical lift utilizing good body mechanics.
- 14.06 Turn and position patient.
- 14.07 Apply protective devices as directed (e.g., vest and belt).
- 14.08 Apply comfort devices as directed (e.g., footboard, overbed cradle, alternating pressure mattress).
- 14.09 Assist patient to dangle.
- 14.10 Assist patient in ambulation, including the use of crutch, cane, or walker.
- 14.11 Assist patient in using wheelchair.

- 14.12 Assist patient with care and use of prosthetic/orthotic devices.
 - 14.13 Administer back rub.
 - 14.14 Describe emergency procedures utilized in the clinical area(s).
 - 14.15 Implement appropriate JCAHO patient safety goals.
- 15.0 PROVIDE PERSONAL PATIENT CARE--The student will be able to:
- 15.01 Give bed bath.
 - 15.02 Assist with shower or tub bath, including the use of specialty tubs.
 - 15.03 Assist patient with sink, tub, shower, or bed shampoo.
 - 15.04 Shave patient.
 - 15.05 Groom patient, including hair, skin, foot, and nail care.
 - 15.06 Assist with and/or administer oral hygiene.
 - 15.07 Assist patient with toileting.
 - 15.08 Assist patient to dress.
 - 15.09 Feed and/or assist patient with meals.
 - 15.10 Assist with bowel and bladder training.
 - 15.11 Give perineal care.
- 16.0 PERFORM PATIENT CARE PROCEDURES--The student will be able to:
- 16.01 Demonstrate ability to accurately measure and record vital signs.
 - 16.02 Admit patient.
 - 16.03 Assist with transfer patient.
 - 16.04 Assist with discharge of patient.
 - 16.05 Make unoccupied/occupied bed.
 - 16.06 Measure and record patient's height and weight.
 - 16.07 Assist patient in passive range-of-motion exercises.
 - 16.08 Apply anti-embolic hose.
 - 16.09 Collect, strain, and/or test routine urine specimen.
 - 16.10 Collect timed urine specimen.
 - 16.11 Monitor catheter drainage system.
 - 16.12 Collect clean-catch (midstream-voided) urine specimen.
 - 16.13 Monitor fluid intake and output (I&O).
 - 16.14 Observe, record, and report patient's emesis.
 - 16.15 Monitor and assist with care of catheters.
 - 16.16 Assist with ostomy care.
 - 16.17 Collect stool specimen.
 - 16.18 Perform postmortem care.
 - 16.19 Maintain patient-belongings list.
- 17.0 APPLY PRINCIPLES OF NUTRITION--The student will be able to:
- 17.01 Identify nutrients and food groups.

- 17.02 Explain regional, cultural, and religious food preferences.
 - 17.03 Describe special diets.
 - 17.04 Prepare a basic food plan.
 - 17.05 Check patient's diet tray for accuracy.
 - 17.06 Identify methods of maintaining fluid balance.
- 18.0 PROVIDE CARE FOR GERIATRIC PATIENTS--The student will be able to:
- 18.01 Identify safety principles as related to the elderly.
 - 18.02 Describe general characteristics, particular needs, and problems of the elderly.
 - 18.03 Identify attitudes and living habits that promote positive mental and physical health for the elderly.
 - 18.04 Distinguish between fact and fallacy about the aging process.
 - 18.05 Identify community resources and services available to the elderly.
 - 18.06 Apply Reality Orientation Techniques and Validation Therapy.
 - 18.07 Provide and involve patients in diversional activities.
 - 18.08 Identify common alterations in elderly patient behavior.
 - 18.09 Provide care for patients with special needs (e.g., impaired hearing, impaired vision, immobility, impaired body functions, cognitively impaired(dementia)).
 - 18.10 Recognize and respond appropriately to symptoms of common diseases, including dementia.
- 19.0 APPLY THE PRINCIPLES OF INFECTION CONTROL SPECIFIC TO NURSING ASSISTANT--The student will be able to:
- 19.01 Provide care for patients with infectious diseases applying the principles of "Universal (standard) Precautions" utilized with all patients as well as special procedures required.
 - 19.02 Set up isolation unit.
 - 19.03 Follow isolation procedure with food tray, garments, and other materials.
 - 19.04 Collect specimen from patient in isolation.
- 20.0 PROVIDE BIOLOGICAL, PSYCHOLOGICAL, AND SOCIAL SUPPORT--The student will be able to:
- 20.01 Discuss family roles and their significance to health.
 - 20.02 Respond to patient and family emotional needs.
- 21.0 PERFORM SUPERVISED ORGANIZATIONAL FUNCTIONS, FOLLOWING THE PATIENT PLAN OF CARE--The student will be able to:
- 21.01 Organize patient-care assignments.

21.02 Complete assignments accurately and in a timely manner.

22.0 ASSIST WITH RESTORATIVE (REHABILITATIVE) ACTIVITIES--The student will be able to:

22.01 List the purposes of restorative (rehabilitation) programs.

22.02 Assist patients with specified restorative (rehabilitation) needs.

22.03 Assist patients/residents to reach the optimum level of independence.

OCCUPATIONAL COMPLETION POINT - DATA CODE C

31-1011 Home Health Aide

MODULE: ADVANCED HOME HEALTH AIDE

Students in this module have already completed a Nursing Assistant program. After completing this module, the student will have achieved the occupational completion point of Advanced Home Health Aide(a home health aide who is also a nursing assistant). This program also meets the requirements of Home Health Aide as stated in Rules of the Department of Health and Rehabilitative services, Division of Health, Chapter 10D-68 - Minimum Standards for Home Health Agencies.

The recommended length of instruction for this module is 50 clock hours but no less than 20. Beginning 1995-96, secondary students who have completed the course 8417210 Nursing Assistant should take this module to become a home health aide. Students completing the following intended outcomes (23-28) and the student performance standards will be able to:

23.0 USE VERBAL AND WRITTEN COMMUNICATIONS SPECIFIC TO HOME HEALTH AIDE--The student will be able to:

23.01 Obtain specified data from patient and family/significant others.

23.02 Utilize verbal and written information to contribute to the patient's plan of care.

23.03 Recognizes cultural differences in family.

24.0 DEMONSTRATE LEGAL AND ETHICAL RESPONSIBILITIES SPECIFIC TO HOME HEALTH AIDE--The student will be able to:

24.01 Demonstrate legal and ethical behavior within the role and scope of home health aide responsibilities.

24.02 Follow policies and procedures affecting the health, safety, and well-being of patients in the home setting.

25.0 PERFORM PHYSICAL COMFORT AND SAFETY FUNCTIONS SPECIFIC TO HOME HEALTH AIDE--The student will be able to:

25.01 Maintain patient units in the home.

25.02 Identify emergency evacuation procedures with adaptations to the home setting.

26.0 APPLY PRINCIPLES OF NUTRITION SPECIFIC TO HOME HEALTH AIDE--The student will be able to:

26.01 List factors that must be considered when purchasing food.

26.02 List factors that must be considered when storing food.

26.03 Discuss preparation and serving of trays in the home.

27.0 APPLY THE PRINCIPLES OF INFECTION CONTROL SPECIFIC TO HOME HEALTH AIDE--The student will be able to:

27.01 Provide care for patients with infectious diseases in the home.

27.02 Follow isolation procedures with food tray, garments, and other materials in the home.

27.03 Utilize universal (standard) precautions in all home care.

28.0 PERFORM HOME HEALTH-CARE SERVICES--The student will be able to:

28.01 Follow an established work plan with the patient and family.

28.02 Perform patient-related cleaning tasks and laundry.

28.03 Identify methods for medication storage.

28.04 Assist patient with taking self-administered prescribed medication in the home.

28.05 Demonstrate how to improvise specified equipment and supplies in the home.

OCCUPATIONAL COMPLETION POINT - DATA CODE D PATIENT CARE

ASSISTANT - SOC Code 31-9099 Healthcare Support Workers and all others

MODULE: PATIENT CARE ASSISTANT

Students enrolled in this module have previously completed a Nursing Assistant and Home Health Aide program and are adding these skills to work in a health care facility other than a nursing home. The average achieving student should complete this module in 75 clock hours. The occupational completion point Patient Care Assistant can only be achieved when this module is completed plus the modules/or credentials for Home Health Aide and Nursing Assistant are satisfied.

After completing intended outcomes 29-30 and the student performance standards, the student will be able to:

29.0 PERFORM NURSING ASSISTANT SKILLS RELATED TO THE HOSPITAL SETTING--The student will be able to:

29.01 Care for hospital equipment and supplies.

- 29.02 Transfer patient to stretcher.
 - 29.03 Prepare hot and cold applications for nurse to apply them.
 - 29.04 Assist patient to apply binders.
 - 29.05 Care for patient in skin and skeletal traction.
 - 29.06 Assist with pre-operative and post-operative patient care.
 - 29.07 Reinforce dressings.
 - 29.08 Practice nursing procedures from the nursing assistant module in the hospital setting.
- 30.0 PROVIDE NURSING ASSISTANT CARE FOR THE ADULT PATIENT--The student will be able to:
- 30.01 Insert a rectal tube.
 - 30.02 Assist with physical examination.
 - 30.03 Care for patients receiving oxygen therapy.
 - 30.04 Change an unsterile dressing.
 - 30.05 Take an apical pulse.
 - 30.06 Take an apical-radial pulse.
 - 30.07 Take pedal pulse.
 - 30.08 Give cast care and/or pin care.
 - 30.09 Give artificial eye/contact lens care.
 - 30.10 Demonstrate understanding and knowledge of needs of patients with specific common health problems.

OCCUPATIONAL COMPLETION POINT - DATA CODE E

Allied Health Assistant- SOC Code 31-9099
Healthcare Support Workers and all others

MODULE: ALLIED Health Assistant

Students enrolled in this module have completed the Patient Care Assistant competencies and/or are adding these skills to be a multi-skilled worker. Students will perform skills representative of one to three areas of allied health care in the laboratory and clinical settings. Major areas of allied health are defined as physical therapy, emergency, radiation, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, dentistry, or veterinary may be included with instructor provided competencies. Such teacher made competencies must remain at the aide level and not go beyond the scope of practice of unlicensed assistive personnel. Invasive procedures that fall into the nursing scope of practice are not to be added. Clinical experience is defined as activities performed in the clinical setting under the supervision of the appropriate health professional. School certificates for this module must be for "Allied Health Assistant". Specific competencies should be listed on the back of the certificate.

Students completing the following intended outcomes (31.0 - 32.0) and the student performance standards will be able to:

31.0 PERFORM AIDE LEVEL SKILLS REPRESENTATIVE OF 1 TO 3 MAJOR ALLIED HEALTH AREAS IN THE SCHOOL LABORATORY BEFORE BEGINNING THE CLINICAL PHASE--The student will be able to:

- 31.01 Perform skills related to the body systems.
- 31.02 If unlicensed clinical laboratory type skills are to be taught, students will:
 - 31.02.01 Correctly pipette using automatic and manual pipette. Note: OSHA prohibits mouth pipetting!
 - 31.02.02 Perform dip stick testing on blood and urine.
 - 31.02.03 Type blood samples.
 - 31.02.04 Prepare blood slides for differential blood count.
 - 31.02.05 Stain blood slides.
 - 31.02.06 Plate microbiological specimen on appropriate media.
 - 31.02.07 Report urine specific gravity, color and characteristics.
 - 31.02.08 Perform centrifuge operation and maintenance.
 - 31.02.09 Focus a microscope and examine specimens using low, high-dry, and oil immersion lens.
 - 31.02.10 Demonstrate knowledge of specimen differentiation and procedure interferences.
 - 31.02.11 Perform communication skills specifically related to laboratory science.
 - 31.02.12 Using an artificial arm, perform venipunctures.
 - 31.02.13 Name and discuss the avenues of laboratory medicine practice.
- 31.03 If unlicensed physical restorative type skills are to be taught, students will be able to:
 - 31.03.01 Describe the functions of bones and muscles as related to the practice of physical therapy.
 - 31.02 Define disability and identify types of disabilities.
 - 31.03.03 Name and discuss the avenues of physical therapy practice.
 - 31.03.04 Describe equipment used in physical therapy.
 - 31.03.05 Teach crutch and walker use and care.
 - 31.03.06 Perform safe body mechanics and transfer techniques.
 - 31.03.07 Describe the use of modalities (i.e. Ultrasound)
 - 31.03.08 Perform communication skills specifically related to physical therapy.
 - 31.03.09 Assist clients to eat using prompting

- techniques.
 - 31.03.10 Identify, describe, and demonstrate the use of adaptive feeding devices.
 - 31.03.11 Identify augmented communication devices and describe the purpose of each.
 - 31.03.12 Demonstrate techniques used in active and passive range of motion exercises.
 - 31.03.13 Instruct patients in bed/wheelchair mobility activities.
 - 31.03.14 Describe the relationship between long-term and short-term goals.
- 31.04 If unlicensed occupational restorative type skills are to be taught, students will be able to:
- 31.04.01 Describe equipment used in occupational therapy.
 - 31.04.02 Make splints.
 - 31.04.03 Perform feeding and dressing skills using adaptive equipment.
 - 31.04.04 Perform feeding and dressing skills using one hand.
 - 31.04.05 Perform communication skills specifically related to occupational therapy.
 - 31.04.06 Perform and instruct range of motion exercises.
 - 31.04.07 Name and discuss the avenues of physical therapy practice.
 - 31.04.08 Train the client in clothing care skills.
 - 31.04.09 Train the client in food preparation skills.
 - 31.04.10 Train the client in money management skills.
- 31.05 If unlicensed respiratory restorative type skills are to be taught, students will be able to:
- 31.05.01 Name and discuss the avenues of Respiratory Care Practice.
 - 31.05.02 Describe common respiratory diseases (asthma, emphysema, chronic bronchitis, atelectasis) and common medications used to treat respiratory diseases.
 - 31.05.03 Recognize normal breath sounds when auscultating the chest with a stethoscope.
 - 31.05.04 Assemble and practice using gas reducing and flow regulating equipment
 - 31.05.05 Demonstrate and discuss the use of incentive spirometers.
 - 31.05.06 Differentiate between various oxygen delivery devices (nasal cannulas,

- part.
- 31.07.12 Use an artificial arm to perform venipuncture.
- 31.08 If unlicensed electrocardiograph aide type skills are to be taught, students will:
 - 31.08.01 Describe the cardiovascular system.
 - 31.08.02 Demonstrate knowledge of, apply and use medical instrumentation modalities.
 - 31.08.03 Perform patient care techniques in the health care facility.
- 31.09 If unlicensed phlebotomy aide type skills are to be taught, students will:
 - 31.09.01 Demonstrate accepted professional communication and interpersonal skills of a phlebotomist.
 - 31.09.02 Discuss phlebotomy in relation to the health care setting.
 - 31.09.03 Identify the anatomic structure and function of body systems in relation to services performed by phlebotomist.
 - 31.09.04 Recognize and identify collection reagents, supplies, equipment and interfering chemical substances.
 - 31.09.05 Demonstrate skills and knowledge necessary to perform phlebotomy.
 - 31.09.06 Practice accepted procedures of transporting, accessioning and processing specimens.
 - 31.09.07 Practice quality assurance and safety.
- 31.10 If unlicensed geriatric type skills are to be taught, (for students completing nurse assisting only) students will:
 - 31.10.01 Recognize types of long term care facilities and levels of care.
 - 31.10.02 Be familiar with legislation affecting long term care.
 - 31.10.03 Discuss physical and emotional effects of aging and appropriate ways of dealing with them.
 - 31.10.04 Recognize the stages of dementia and the care of residents in each stage.
 - 31.10.05 Discuss reality orientation, reminiscing, and validation therapy.
 - 31.10.06 Describe the effects of aging on nutritional needs.
 - 31.10.07 Provide for the safety of the elderly and chronically ill patient, including prevention of falls, prevention of infections, provision of a safe environment and prompt attendance to patients' needs.

- 31.10.08 Check integrity of patient's skin condition and take appropriate actions when needed.
 - 31.10.09 Recognize common chronic illnesses and the special care required.
 - 31.10.10 Provide appropriate end of life care.
 - 31.10.11 Describe common medications taken by the elderly and chronically ill, their effects, and side effects.
- 31.11 If electrocardiograph monitor technician is to be taught, students will:
- 31.11.01 Describe the cardiovascular system.
 - 31.11.02 Identify legal and ethical responsibilities of an EKG/ECG monitor tech.
 - 31.11.03 Demonstrate knowledge of, apply and use medical instrumentation modalities.
 - 31.11.04 Recognize normal and abnormal monitoring.
- 32.0 SUCCESSFULLY COMPLETE A CLINICAL ROTATION IN 1-3 MAJOR ALLIED HEALTH AREAS--The student will be able to:
- 32.01 Demonstrate skills in the clinical setting as outlined in 31.0.
 - 32.02 Complete clinical rotations under the supervision of a duly licensed/certified allied health care or nursing professional.
 - 32.03 Exhibit behavior consistent with the professional ethics required of each of the allied health areas being studied.

OCCUPATIONAL COMPLETION POINT- DATA CODE F

ADVANCED ALLIED HEALTH ASSISTANT -SOC Code 31-9099
Healthcare Support Workers and all others

Students enrolled in this module have completed the Patient Care Assistant and Allied Health Assistant competencies and/or are adding these skills to be a more multi-skilled worker. Students will perform skills representative of one to three areas of allied health care in the laboratory and clinical settings. Major areas of allied health are defined as physical therapy, emergency, radiation, laboratory and respiratory medicine, and occupational therapy. Other areas of health, medicine, dentistry, or veterinary may be included with instructor provided competencies. Such teacher made competencies must remain at the aide level and not go beyond the scope of practice of unlicensed assistive personnel. Invasive procedures that fall into the nursing scope of practice are not to be added. Clinical experience is defined as activities performed in the clinical setting under the supervision of the appropriate health professional. School certificates for this module must be for "Advanced Allied Health Assistant". Specific competencies should be listed on the back of the certificate.

Students completing the following intended outcomes (33.0 - 34.0) and the student performance standards will be able to:

33.0 PERFORM ADDITIONAL SKILLS FROM THE PREVIOUS MODULE WHICH ARE IN THE AIDE LEVEL AND DO NOT GO BEYOND THE SCOPE OF PRACTICE OF UNLICENSED ASSISTIVE PERSONNEL.

34.0 SUCCESSFULLY COMPLETE A CLINICAL ROTATION IN THE SELECTED MAJOR ALLIED HEALTH AREA--The student will be able to:

- 34.01 Demonstrate skills in the clinical setting as outlined in 31.0.
- 34.02 Complete clinical rotations under the supervision of a duly licensed/certified allied health care or nursing professional.
- 34.03 Exhibit behavior consistent with the professional ethics required of each of the allied health areas being studied.

OCCUPATIONAL COMPLETION POINT - DATA CODE G

PATIENT CARE TECHNICIAN - SOC 29-2000, (Health Technologists and Technicians)

MODULE: PATIENT CARE TECHNICIAN

Students enrolled in this module MUST have completed ALL modules in this program. Upon completion they will be prepared as the cross trained unlicensed worker known as the Patient Care Technician (Industry Title).

Students completing the following intended outcomes (57-58) and the student performance standards will be able to:

35.0 DEMONSTRATE KNOWLEDGE OF ORGANIZATIONAL AND EFFECTIVE TEAM MEMBER SKILLS--The student will be able to:

- 35.01 Define terms associated with organizational and time management skills.
- 35.02 Discuss the role of unlicensed assistive personnel (UAP's) in relation to the terms in 57.01.
- 35.03 Discuss various situations when a Patient Care Technician would utilize organizational skills.
- 35.04 List the characteristics of an effective team member.
- 35.05 Discuss the chain of command and characteristics of team member relationships.
- 35.06 Perform a self evaluation.

36.0 PRACTICE ORGANIZATIONAL AND EFFECTIVE TEAM MEMBER SKILLS IN A CLINICAL SETTING--The student will be able to:

- 36.01 Demonstrate ways to deal with conflict.
- 36.02 Demonstrate employability skills specific to patient care technician.
- 36.03 Demonstrate communication skills that are supportive of team members.

- 36.04 Demonstrate effective time management skills.
- 36.05 Give and receive end-of-shift reports to team members.