

**Florida Department of Education
CURRICULUM FRAMEWORK**

Program Title: Medical Skills and Services
Occupational Area: Health Science Education

Secondary

Program Numbers **8400320**
CIP Number 0317.9997PA
Grade Level 9-12, 30, 31
Standard Length 1 credit
Certification ANY HEALTH OCCUP G

- I. **MAJOR CONCEPTS/CONTENT:** The purpose of this course is to provide students with practical generic skills in health occupations which, though applicable to some health occupations, are not designed to prepare students for entry into a specific occupation.
- II. **LABORATORY ACTIVITIES:** Laboratory activities contribute to the development of skills. Demonstrations and return demonstrations provide students with an understanding of correct procedure methods and enhance learning. Special project assignments are utilized.
- III. **SPECIAL NOTE:** The Health Occupations Students of America, Inc., is the appropriate Career/Technical Student Organization (CTSO) for providing leadership training experiences and reinforcing specific career/technical skills. CTSOs, 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.

The cooperative method of instruction is not appropriate for this course.

When a student with a disability is enrolled in a vocational class with modifications to the curriculum framework, the particular outcomes and student performance standards which the student must master to earn credit must be specified in the student's individual educational plan (IEP). Additional credits may be earned when outcomes and standards are mastered in accordance with the requirements indicated in subsequent IEPs.

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 higher-order thinking skills.

- IV. **INTENDED OUTCOMES:** After successfully completing this course, the student will be able to:
- 01.0 Perform basic communication skills.
02.0 Perform basic mathematics skills used in health care.

- 03.0 Describe the services provided by health occupations career clusters.
- 04.0 Demonstrate basic health skills.
- 05.0 Demonstrate first aid and CPR.
- 06.0 Demonstrate responsible consumer decision making regarding health screening and health care management.
- 07.0 Discuss legal aspects for the health consumer.
- 08.0 Discuss stress and its effect on the individual
- 09.0 Identify the needs of the terminally ill.
- 10.0 Demonstrate knowledge of blood borne diseases, including AIDS.
- 11.0 Relate the use of computers in the health care field.
- 12.0 Demonstrate employability skills.

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Florida Department of Education
STUDENT PERFORMANCE STANDARDS

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01.0 PERFORM BASIC COMMUNICATION SKILLS--The student will be able to:

- 01.01 Demonstrate examples of verbal and non-verbal communication.
- 01.02 Differentiate between negative and positive values of defense mechanisms.
- 01.03 Demonstrate ability to follow written and oral directions.
- 01.04 Define, pronounce and spell common medical terms and abbreviations necessary to safely carry out medical instructions.
- 01.05 Discuss the difference between constructive and non-constructive criticism.

02.0 PERFORM BASIC MATHEMATICS SKILLS USED IN HEALTH CARE--The student will be able to:

- 02.01 Take and record height and weight in various forms of measurement systems used in health care.
- 02.02 Convert common weights, measures and volumes to metric.
- 02.03 Convert from regular to 24-hour clock time.

03.0 DESCRIBE THE SERVICES PROVIDED BY HEALTH OCCUPATIONS CAREER CLUSTERS--The student will be able to:

- 03.01 Discuss the history of health care services.
- 03.02 Identify the basic components of the health care delivery system.
- 03.03 List at least 3 types of services provided by the following career clusters:
 - a. Nursing Services
 - b. Dental Auxiliary
 - c. Medical Office
 - d. Health Care Information Technology
 - e. Emergency Medical Services
 - f. Diagnostic Services
 - g. Therapeutic Services
 - h. Supportive Services
 - i. Vision Care Services
 - j. Other Health Care Services
- 03.04 List at least two occupations for each cluster.
- 03.05 Identify services provided by other health care agencies.

04.0 DEMONSTRATE BASIC HEALTH SKILLS--The student will be able to:

- 04.01 Perform proper handwashing technique.
- 04.02 Demonstrate one basic safe transport and/or transfer technique in the home and in emergency situations.
- 04.03 Demonstrate the use of basic body mechanics technique.
- 04.04 Demonstrate and record vital signs procedure.
- 04.05 Demonstrate at least two dental occupational skills from the following list: brushing and flossing techniques, setting up a basic dental tray, and identifying surfaces of the teeth.

- 04.06 Demonstrate at least two laboratory occupational skills from the following list: operate a microscope, simulate obtaining a culture specimen, prepare a slide, or streak an agar plate.
 - 04.07 Demonstrate at least two physical therapy occupational skills from the following list: range of motion exercises, use of crutches, use of canes, application of ice bags or ice collars, or application of warm water bags.
 - 04.08 Demonstrate at least two medical secretarial occupational skills from the following list: using the telephone, scheduling appointments, typing a business letter or completing, copying, mailing and filing medical records, forms, or using a computer to input and retrieve information.
- 05.0 DEMONSTRATE FIRST AID AND CPR--The student will be able to:
- 05.01 Describe wounds and their treatment.
 - 05.02 Identify shock and treatment.
 - 05.03 Recognize types of poisoning and treatment.
 - 05.04 Identify classifications of burns and their appropriate treatment.
 - 05.05 Describe ill effects of heat and cold.
 - 05.06 Demonstrate immobilization for suspected fractures.
 - 05.07 Recognize the signs of heart attack, fainting and epilepsy, and diabetic reactions.
 - 05.08 Describe first aid for foreign objects in the eye, ear, air passages, and food passages.
 - 05.09 Determine when a doctor's care is necessary.
 - 05.10 Demonstrate activation of the emergency medical system (EMS).
 - 05.11 Perform skills in BLS.
- 06.0 DEMONSTRATE RESPONSIBLE CONSUMER DECISION MAKING REGARDING HEALTH SCREENING AND HEALTH CARE MANAGEMENT--The student will be able to:
- 06.01 List ways one can obtain health screening/physical exams.
 - 06.02 Demonstrate Vision Screening.
 - 06.03 Demonstrate ability to test for hearing using simple tools.
 - 06.04 Demonstrate ability to test reflexes.
- 07.0 DISCUSS LEGAL ASPECTS FOR THE HEALTH CONSUMER--The student will be able to:
- 07.01 Explain how the "Good Samaritan" Law protects the first responder in emergency situations.
 - 07.02 Define the "Living Will".
 - 07.03 Discuss legal procedures for donating organs.
 - 07.04 Define and discuss "Generic", over the counter, and brand name prescription drugs.
 - 07.05 Discuss the need for health insurance.
 - 07.06 Discuss how to select physicians, dentists, hospitals, and pharmacies according to individual needs.
- 08.0 DISCUSS STRESS AND ITS EFFECT ON THE INDIVIDUAL--The student will be able to:
- 08.01 Define stress/stressors.
 - 08.02 Identify problem solving skills to resolve stress.
 - 08.03 Discuss various crises intervention services available in the local community.
 - 08.04 Identify factors that explain why health occupations are emotionally and physically demanding.

- 08.05 Discuss the demanding time schedule expected of the health care worker (24 hr./day, 7 days/week, 52 weeks/year).
- 09.0 IDENTIFY THE NEEDS OF THE TERMINALLY ILL--The student will be able to:
- 09.01 Discuss death and dying.
 - 09.02 Define stages of grief.
 - 09.03 Describe mortuary science.
 - 09.04 Discuss and describe services provided by funeral directors/funeral homes.
 - 09.05 Identify community support agencies for the terminally ill.
- 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.
 - 10.02 Identify community resources and services available to the individual with diseases caused by blood borne pathogens.
 - 10.03 Identify at risk behaviors which promote the spread of AIDS and the public education necessary to combat the spread of diseases caused by blood borne pathogens.
 - 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 aspect of AIDS, including testing.
- 11.0 RELATE THE USE OF COMPUTERS IN THE HEALTH CARE FIELD--The student will be able to:
- 11.01 Identify careers that require computer knowledge in the health care setting.
 - 11.02 Discuss how computers affect legal and ethical questions in the health field.
 - 11.03 Discuss how computers have affected changes in health care and the health care system.
- 12.0 DEMONSTRATE EMPLOYABILITY SKILLS--The student will be able to:
- 12.01 Locate and identify local job openings in health care.
 - 12.02 Complete a job application.
 - 12.03 Prepare for a job interview.