Florida CTE

Allied Health Assisting 3

Perform skills representative of 1-3 major allied health areas in the school laboratory before beginning the observational phase. The student will be able to: 28

1 **If clinical laboratory aide type skills is one of the selected allied health areas to be taught, only procedures that are exempt from clinical laboratory personnel licensure requirements will be presented and students will:** 28.01

1 Perform waived testing on blood and urine. 28.01.01

2 Describe the process for preparing a blood slides for differential blood count. 28.01.02

3 Report urine specific gravity, color and characteristics. 28.01.03

4 Perform centrifuge operation and maintenance. (OPTIONAL) 28.01.04

5 Identify and explain the use of the common instruments/equipment found in the clinical laboratory. 28.01.05

6 Explain specimen differentiation. 28.01.06

7 Perform communication skills specifically related to laboratory science. 28.01.07

8 Discuss the process of performing various venipunctures. 28.01.08

9 Name and discuss the specialty areas within laboratory (hematology, clinical chemistry, microbiology, etc.). 28.01.09

10 Explain the criteria set forth in CLIA to classify laboratory testing as waived, moderate complexity or high complexity. 28.01.10

11 Explain the levels and qualifications for testing personnel as set forth in CLIA (complexity based) and as established by state law (licensure categories). 28.01.11

2 **If physical restorative aide type skills is one of the selected allied health areas to be taught, students will:** 28.02

1 Describe the functions of bones and muscles as related to the practice of physical therapy. 28.02.01

2 Define disability and identify types of disabilities. 28.02.02

3 Name and discuss the pathways of physical therapy practice. 28.02.03

4 Describe equipment used in physical therapy. 28.02.04

5 Perform safe body mechanics and transfer 28.02.05

6 Demonstrate an understanding of the use of modalities (i.e., Ultrasound, heat and cold therapeutic massage, E-STEM, wound care, elastic stockings, etc.). 28.02.06

Describe the process of hydrotherapy. 28.02.07

Perform communication skills specifically related to physical therapy aide. 28.02.08

Skip to main content

9 Identify, describe, and demonstrate the use of devices such as crutches, walkers, canes, and wheelchairs, etc. 28.02.09

10 Demonstrate techniques used in active and passive range of motion exercises. 28.02.10

11 Instruct patients in bed/wheelchair mobility. 28.02.11

12 Describe the relationship between long-term and short-term goals. 28.02.12

---

3 If occupational restorative aide type skills is one of the selected allied health areas to be taught, students will: 28.03

1 Assist clients to eat using prompting. 28.03.01

2 Identify augmented communication devices and purposes of each. 28.03.02

3 Describe equipment used in occupational therapy. 28.03.03

4 Describe the splint making process. 28.03.04

5 Perform feeding and dressing skills using adaptive equipment. 28.03.05

6 Perform feeding and dressing skills using one hand. 28.03.06

7 Perform communication skills specifically related to occupational therapy. 28.03.07

8 Perform and instruct range of motion exercises. 28.03.08

9 Name and discuss the pathways of occupational therapy practice. 28.03.09

10 Educate the client in activities of daily living skills such as clothing care skills, food preparation, and money management, etc. 28.03.10

---

4 If respiratory restorative aide type skills is one of the selected allied health areas to be taught, students will: 28.04

1 Name and discuss the pathways of respiratory care practice. 28.04.01

2 Describe common respiratory diseases (asthma, emphysema, chronic bronchitis, and atelectasis, etc.) and common medications used to treat respiratory diseases. 28.04.02

3 Recognize normal breath sounds when auscultating the chest with a stethoscope. 28.04.03

4 Describe the use of oxygen flow regulating equipment. 28.04.04

5 Demonstrate and discuss the use of incentive spirometers. 28.04.05

6 Differentiate between various oxygen delivery devices (nasal cannulas, simple and re-breathing masks, oxy-hoods, and enclosures, etc.). 28.04.06

7 Check emergency equipment assigned to respiratory care. 28.04.07

8 Discuss the use of postural drainage and percussion. 28.04.08

9 Discuss and practice the use of the pulse oximeter. 28.04.09

0 Describe the equipment and use of humidity/aerosol. 28.04.10

Skip to main content

5 **If medical administrative assisting type skills is one of the selected allied health areas to be taught, students will:** 28.05

1 Demonstrate an understanding of basic medical terminology e.g., prefixes, suffixes, abbreviations, and root words related to major body systems. 28.05.01

2 Demonstrate an understanding of straight numerical, alphabetical and terminal digit filing. 28.05.02

3 Demonstrate computer literacy, keyboarding and retrieval skills. 28.05.03

4 List procedures for scheduling and referring patients, handling walk-in emergency patients, and telephone etiquette. 28.05.04

5 Understand what is required to create and submit a medical bill 28.05.05

6 Define a release of medical information, explanation of benefit, assignment of benefit, and electronic remittance advice. 28.05.06

7 Develop an understanding of healthcare coverage and be able to interpret the information contained on the patient's insurance card. 28.05.07

8 Discuss the various types of medical records such as electronic health record (EHR), digital records, and paper records with regard to content and security. 28.05.08

9 Understand the financial terms and procedures involved in operating a medical office practice including, income, expense, accounts receivable, accounts payable, cash and accrual accounting, write-off adjustments. 28.05.09

6 **If radiologic aide type skills is one of the selected allied health areas to be taught, students will:** 28.06

1 Compare and contrast the development of x-rays through digital media or through film. 28.06.01

2 Identify the function of a cassette, film, and screen. 28.06.02

3 Describe how radiation produces an image on film and through digital technology. 28.06.03

4 Identify the process by which x-ray film is developed. 28.06.04

5 Identify anatomical position and terminology medial, lateral, superior, inferior, anterior/ventral, and posterior/dorsal). 28.06.05

6 Identify patient properly to include doing the correct procedure on the correct patient in the right location (check identification band, etc.). 28.06.06

7 Explain appropriate exam(s) to the patient. 28.06.07

8 Perform safe body mechanics and transferring skills of patient onto x-ray table. 28.06.08

9 Position patient for exam(s) (chest, KUB, hand and foot, etc.). 28.06.09

10 Position x-ray tube to simulate exposure for exam(s) (chest, KUB, hand, and foot, etc.). 28.06.10

Skip to main content

1 Position patient in supine, prone, lateral, oblique, AP, PA, etc. of appropriate part. 28.06.11

7 **If geriatric aide type skills are to be taught, students will:** 28.07

1 Recognize types of long term care facilities and levels of care. 28.07.01

2 Be familiar with legislation affecting long-term care. 28.07.02

3 Discuss physical and emotional effects of aging and appropriate ways of dealing with them. 28.07.03

4 Recognize the stages of dementia and the care of residents in each stage. 28.07.04

5 Discuss reality orientation, reminiscing, and validation therapy. 28.07.05

6 Describe ways to meet the nutritional needs through diet, dietary supplements, and mechanisms to provide supplements. 28.07.06

7 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, etc. 28.07.07

8 Check integrity of patient's skin condition and take appropriate actions when needed. 28.07.08

9 Recognize common chronic illnesses and the special care required. 28.07.09

10 Provide appropriate end of life care. 28.07.10

11 Describe common medications taken by the elderly and chronically ill, their effects, and side effects. 28.07.11

8 **If electrocardiograph technician skills are to be taught, students will:** 28.08

1 Describe the cardiovascular system. 28.08.01

1 Correlate the anatomy of the heart to the placement of leads for an EKG including special needs populations. 28.08.01.01

2 Correlate the electrical conduction system of the heart to the rhythms. 28.08.01.02

3 Compare and contrast polarization, depolarization and repolarization as it applies to patient care scenarios. 28.08.01.03

4 Describe the usual pattern of electrical flow through the conduction system including the five major areas and physical layout. 28.08.01.04

5 Give the inherent rates for the SA node, the AV junction, and the ventricles. 28.08.01.05

Skip to main content

2 Demonstrate an understanding of the role and responsibilities of the EKG tech. 28.08.02

1 Recognize and practice legal and ethical responsibilities as they relate to an EKG tech. 28.08.02.01

2 Prepare and maintain all EKG equipment 28.08.02.02

3 Identify patient and verify the requisition order. 28.08.02.03

4 State precautions required when performing diagnostic procedures. 28.08.02.04

5 Recognize a cardiac emergency. 28.08.02.05

3 Demonstrate knowledge of, apply and use medical instrumentation modalities. 28.08.03

1 Calculate a patient's heart rate from the EKG tracing (for example 6-second method). 28.08.03.01

2 Perform a 12 lead EKG. 28.08.03.02

---

4 Recognize normal and abnormal monitoring. 28.08.04

---

9 If biomedical research type skills is one of the selected allied health areas to be taught, students will: 28.09

1 Comprehend technical vocabulary. 28.09.01

2 Document lab results accurately. 28.09.02

3 Recognize hazardous lab conditions. 28.09.03

4 Maintain safe work environment, including but not limited to correct handling, storing, and disposing of hazardous materials, and use of personal protective equipment, etc. 28.09.04

5 Research regulatory bodies (OSHA, NIH, NR, DOT, EPA, CDC, NRC, CLIA, DEA and FDA, etc.). 28.09.05

6 Discuss testing methods and inspection procedures in relation to quality control. 28.09.06

7 Discuss environmental conditions of research facility (growth chamber, greenhouse, seed storage room, animal housing or manufacturing site). 28.09.07

8 Discuss the proper utilization of test plants and animals. 28.09.08

9 Prepare solutions and reagents for laboratory use. 28.09.09

10 Operate laboratory equipment. 28.09.10

11 Identify common microorganisms. 28.09.11

12 Explain how to culture and perform bioassays. 28.09.12

13 Discuss genetic engineering skills. 28.09.13

4 Utilize problem-solving skills. 28.09.14

5 Practice asepsis. 28.09.15

Skip to main content

16 Discuss sterilization techniques, including proper packaging of sterile goods. 28.09.16

Successfully complete an observational rotation in at least one (1) to Three (3) major allied health areas. The student will be able to: 29

1 **Observe skills in the clinical setting as outlined in the above standard.** 29.01

2 **Complete One (1) - three (3) observational rotations under the supervision of a duly licensed/certified allied health care professional.** 29.02

3 **Exhibit behavior consistent with the professional ethics required of each of the allied health areas being studied.** 29.03