## CAREER PROGRAMS IN HEALTH SCIENCES TECHNOLOGY

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<tr>
<th>CIP CODE</th>
<th>HEALTH SERVICES</th>
<th>ALLIED HEALTH</th>
<th>HEALTH SCIENCES</th>
<th>DENTAL ASSISTING/ASSISTANT</th>
<th>HEALTH UNIT COORDINATOR/WARD CLERK</th>
<th>MEDICAL/Clinical ASSISTANT</th>
<th>PHARMACY TECHNICIAN/ASSISTANT</th>
<th>PHYSICAL THERAPY TECHNICIAN/ASSISTANT</th>
<th>RESPIRATORY THERAPY TECHNICIAN/ASSISTANT</th>
<th>ELECTRO-CARDIOGRAPH TECHNOLOGY/TECHNICIAN</th>
<th>EMERGENCY MEDICAL TECHNOLOGY/TECHNICIAN (EMT)</th>
<th>MEDICAL RADIOLOGIC TECHNOLOGY/SCIENCE</th>
<th>SURGICAL TECHNOLOGY/TECHNOLOGIST</th>
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### FOUNDATIONAL COURSES

- **GROUP 1: FOUNDATIONAL COURSES (Minimum Selection: 1)**
  - **FOUNDATIONAL COURSES**
    - Biomedical Sciences (PLTW)
    - Orientation to Health Occupations
    - Orientation to Health Occupations Related Skills
    - Orientation to Health Occupations Related Skills
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  - **SKILL COURSES**
    - Human Body Systems (PLTW)
    - Dental Assistant
    - Unit Clerk (Ward Clerk)
    - Medical/Clerical Assisting
    - Pharmacy Assisting
    - Physical Therapy Aide
    - Respiratory Therapy
    - Electrocardiograph (EKG) Technician
    - Emergency Medical Technician
    - Radiological Technology/Technician
    - Surgical Technology
  - **GROUP 3: ADDITIONAL PROGRAM COURSES**
    - Biomedical Capstone (PLTW)
      - Health Occupations Skill Development
      - Health Occupations Skill Development
      - Health Occupations Skill Development
      - Health Occupations Skill Development
      - Health Occupations Skill Development
      - Health Occupations Skill Development
      - Health Occupations Skill Development
      - Health Occupations Skill Development
    - Medical Office Procedures
      - Medical Office Procedures
      - Medical Office Procedures
      - Medical Office Procedures
      - Medical Office Procedures
      - Medical Office Procedures
      - Medical Office Procedures
      - Medical Office Procedures
    - Medical Terminology
      - Medical Terminology
      - Medical Terminology
      - Medical Terminology
      - Medical Terminology
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      - Medical Terminology

A quality program delivers all required elements* and a variety of additional elements. CTE program elements include: a sequence of courses* each educational entity offering approved courses provides assurance that the course content includes at a minimum the state course description*, (State course descriptions are available at [http://isbe.net/career/html/cte_health.htm](http://isbe.net/career/html/cte_health.htm), meets the state’s minimum requirements for course offerings by program contain a minimum of two (2) credits of instruction*, curriculum aligned to state recognized learning standards and industry standards, career pathway guidance, resources to support program/course delivery (licensed and qualified staff, appropriate facilities, adequate equipment, instructional materials, work-based learning experiences, special populations support services, active affiliated CTSO, articulation/dual credit agreements, documentation of state agency certification or licensing requirements for occupations regulated by law or licensure, and content which prepare students for reflective of current labor and opportunity for cooperative education as a structured capstone course. Foundational courses are suggested to be taught at the 9th and 10th grade levels. Skill level courses are suggested to be taught at the 10th – 12th grade levels. Updated 1/14
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<th>CAREER CLUSTER</th>
<th>Health Science</th>
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<td>PROGRAM TITLE</td>
<td>ATHLETIC TRAINING/TRAINER</td>
<td>CLINICAL LAB SCIENCE/ MEDICAL TECHNOLOGY/TECHNOLOGIST</td>
<td>PHLEBOTOMY TECHNICIAN/TECHNOLOGIST</td>
<td>OPHTHALMIC TECHNICIAN/TECHNOLOGIST</td>
<td>PHYSICAL THERAPY/ THERAPIST</td>
<td>HOME HEALTH AIDE/HOME ATTENDANT</td>
<td>REHABILITATION AIDE</td>
<td>LICENSED PRACTICAL/ VOCATIONAL NURSE TRAINING</td>
<td>NURSING ASSISTANT/AIDE AND PATIENT CARE ASSISTANT/AIDE</td>
<td>HEALTH PROFESSIONS AND RELATED CLINICAL SCIENCES, OTHER</td>
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GROUP 1: FOUNDATIONAL COURSES (Minimum Selection: 1)

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<tr>
<th>FOUNDATIONAL OCCUPATIONS</th>
<th>Orientation to Health Occupations</th>
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GROUP 2: SKILL COURSES (Minimum Selection 1)

<table>
<thead>
<tr>
<th>SKILL COURSES</th>
<th>Sports Management</th>
<th>Medical Lab Technician</th>
<th>Clinical Laboratory Assistant/Phlebotomist</th>
<th>Vision Care</th>
<th>Physical Therapy Aide</th>
<th>Home Health Aide</th>
<th>Rehabilitation Aide</th>
<th>Nursing – LPN</th>
<th>Nursing Assistant</th>
<th>Geriatric Aide</th>
<th>Mortuary Assistant</th>
<th>Central Supply Services</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Clinical Laboratory Assistant/Phlebotomist</td>
<td>Optical Technician</td>
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<td>Mortuary Assistant</td>
<td>Central Supply Services</td>
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GROUP 3: ADDITIONAL PROGRAM COURSES

| ADDITIONAL PROGRAM COURSES | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development | Health Occupations Entry-Level Skill Development |
|----------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education | Health Occupations Cooperative Education |
| Medical Terminology | Medical Terminology | Medical Terminology | Medical Terminology | Medical Terminology | Medical Terminology | Medical Terminology | Medical Terminology | Medical Terminology | Medical Terminology |

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