## CAREER PATHWAYS FOR ADULT EDUCATION

# **ABOUT CAREER PATHWAYS**

Career Pathways combine education, work readiness and job training to attain necessary skills and credentials for specific in-demand occupations or industries. Career Pathway maps illustrate how students can move along a career path in a specific occupational area from adult education through post-secondary or advanced job-training programs and into employment. To advance along a career pathway more quickly, explore opportunities to participate in education and training concurrently. It is suggested that this map be used in conjunction with information on specific education and training programs in Wyoming or in your local area.

Healthcare & Medical Technology

Health Services Career Cluster

**Sector Description**:

The profession of healthcare and medical technology is involved with the identification, evaluation, and

treatment of illness, nutrition and rehabilitation services, and the management and operation of the health

care system. Many training programs and occupations in the allied health profession may require a licensure

exam and a background check.

 **Sample Entry or Certificate Options** **Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Certified Nursing Assistant (C.N.A.)

 **Sample Associates & Bachelor (or higher) Degree Options**

######  NURSING

Bachelor of Science: Nursing (RN)

Certified Phlebotomy Technician

Associate Degree: Nursing (RN)

Pre-Nursing Certificate

 **Sequential -or- Concurrent**

#### Adult Education

-Core Skills: Reading, Writing, Math

-English Language Skills

-Career Exploration & Planning

-High School Equivalency Preparation

-Employability Skills & Digital Literacy

-Integrated Education and Training

-Work Experience Trainings

Medical Technologist

 **MEDICAL ASSISTANT**

Bachelor of Science: Medical Assisting

Associate Degree: Medical Assisting

Certified Medical Asst. (CMA)

Dental Hygienist

Radiologic Technologist

Certified Community Paramedic

 **EMERGENCY MEDICAL TECHNICIAN**

Advanced EMT

Associate Degree (NREMT-P)

Emergency Medical Technician (EMT)

##### Additional Occupational Options

Bachelor of Science: Para medicine

-Athletic Training -Physical Therapy

-Audiology -Physician Assistant

 **Customized Pathway-Jobs/Courses**

-Dietetics -Radiography

-Health Administration -Rehabilitation Counseling

-Home Health Aide -Community Health Worker

-Occupational Therapist -Respiratory Therapy

-Pharmacist -Speech-language Pathology

## CAREER PATHWAYS FOR ADULT EDUCATION- Healthcare and Medical Technology Pathway

**ADULT EDUCATION-High School Equivalency (HSE)**

**Median Wages: $10.49 Hourly/$21,88 Annual**

Many jobs require a high school diploma/equivalent. The official HSE tests (GED or HiSET) require that students demonstrate proficiency in English, reading, writing, math, science and social studies.

**SKILLS**

* Reading for comprehension
* Understanding math applications & analyzing data
* Developing clear & organized written communication
* Expressing ideas clearly & listening for understanding
* Interacting with others collaboratively & using negotiation and compromise to resolve conflicts
* Using computers, MS Office software & the internet to communicate, complete tasks and conduct research
* Thinking logically, critically, and strategically to solve problems

**CERTIFIED NURSING ASSISTANT**

**Median Wages: $15.50 Hourly / $32,240 Annual**

**Description:** Provide basic patient care under direction of nursing staff. Perform duties such as feed, bathe, dress, groom or move patients, or change linens. May transfer or transport patients.

**Job Duties**

* Utilize infection prevention processes and demonstrate personal care procedures
* Understand human anatomy and physiology
* Execute procedures related to elimination
* Demonstrate safe resident mobility skills

**RADIOLOGICALL TECHNOLOGIST**

**Median Wages: $23.03 Hourly / $ 47,902 Annual**

**Description:**  Take x-rays and CAT scans or administer nonradioactive materials into patient’s bloodstream for diagnostic or research purposes.

**Job Duties**

* Process exposed radiographs using film processors or computer generated methods
* Use radiation safety measures & protection devices appropriately
* Position patient on examining table and set up an adjust equipment to obtain optimum view of specific body area as requested by physician
* Record, process & maintain patient date or treatment records and prepare reports
* Operate digital picture archiving communications systems

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**OTHER OCCUPATION**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Median Wages:**

**Description**:

**Job Duties**

**DENTAL HYGIENIST**

**Median Wages: $18.12 Hourly / $37,696 Annual**

**Description:** Scale and polish teeth and roots. Remove sutures, take study models, polish amalgam restorations, place and remove rubber dams, assist dentist in administering fluoride treatments, instruct patients on proper dental care.

**Job Duties**

* Chart conditions of decay & disease for diagnosis & treatment by dentist
* Expose & develop x-ray film
* Clean calcareous deposits, accretions, and stains from teeth & beneath margins of gums, using

dental instruments

* Maintain dental equipment & sharpen & sterilize dental instruments
* Administer local anesthetic agents
* Make impressions for study casts
* Remove excess cement from coronal surfaces of teeth

**CERTIFIED PHLEBOTOMY TECHNICIAN**

**Median Wages: $21.00 Hourly / $43,680 Annual**

**Description:** Draw blood for tests, transfusions, donations, or research. .

**Job Duties**

* Identify the anatomic structure and function of body systems
* Recognize & identify collection reagent supplies, equipment and chemical substances
* Practice infection control & accepted procedures of transporting, accessing & processing specimens
* Organize & clean blood-drawing trays, ensuring that instruments are sterile & all needles, syringes, or related items are of first-time use

EMERGENCY MEDICAL TECHNICIAN

Median Wages: $21.25 Hourly / $44,200 Annual

**Description**: Assess injuries, administer emergency medical care, and extricate release/disentangle) trapped individuals. Transport injured or sick persons to medical facilities.

**Job Duties**

* Utilize health information technology effectively & securely
* Apply emergency medical services
* Understand medical terminology & be familiar with medications & drugs
* Perform airway management & treatment for shock & trauma