



SCIENCE & HEALTH PATHWAY



Do you like helping people? Cutting edge technology? Solving problems? Research and data?

If so, this pathway may be for you!

Cultivating students' awareness, understanding and application in career areas that include:

- HEALTH SCIENCE
- MEDICINE
- DENTISTRY
- THERAPY/REHAB
- NUTRITION/FITNESS

Sample Employers from this Pathway:

Buffalo Valley Lutheran Village, Evangelical Community Hospital, Geisinger Health System, Home Instead Senior Care, Nottingham Village, Phoenix Rehab and Health Services, Pivot Physical Therapy, RiverWoods, SUN Orthopaedics of Evangelical, Susquehanna Valley Dental Health Associates LLP, UPMC Susquehanna, etc.

Central Pennsylvania's Healthcare Occupations

Prepared by **Advance Central PA**
Source: Lightcast Q1 2023 Data Set

Medical Records Specialists

Post-Secondary Training

\$33,478	\$43,730
Entry Level Wages	Average Wages

Emergency Medical Technicians

Post-secondary Training

\$26,799	\$35,039
Entry Level Wages	Average Wages

Dental Assistants

Post-Secondary Training

\$34,754	\$41,141
Entry Level Wages	Average Wages

LPNs, LVNs, & RNs

*Post-Secondary Training to
Bachelor's Degree*

\$44,372 -	\$62,001 -
\$48,347	\$72,455
Entry Level Wages	Average Wages

Pharmacists

Doctoral or Professional Degree

\$109,579	\$118,346
Entry Level Wages	Average Wages

2022
CAREER READY
Central PA

CAREER PLANNING

KNOW YOURSELF

Identify your values, strengths, and skills and how they relate to your career goals.

TRY OUT CAREERS

Interview a professional, participate in a job shadow or internship, and network.

WORK YOUR PLAN

Apply to the job, post-secondary training or education option that aligns with your career interests.



RESEARCH CAREERS

Know the required education or training; the job outlook; and the potential earning and advancement opportunities.

RESEARCH REQUIREMENTS

Look at all the options (on-the-job training, apprenticeship, or programs and costs) aligned with your career interests.

What courses are offered in the Healthcare Pathway? Choices vary at each school but may include the below list. Check with your counselor or advisor to learn more.

Nutrition
Psychology
Anatomy & Physiology
Advanced Science and Math

PA Dept. of Education Approved Programs:

Health Professions Certified Nurse Aide
Health Professions Patient Care Technician
Dental Technology

In addition to courses, students may have opportunities to experience careers in the Science & Health fields through job shadows, internships and other real world experiences.



Additional Central PA Healthcare Occupations

Occupation	Education Level	Entry Annual Wage	Average Annual Wage	Avg. Annual Openings
Athletic Trainers	BD	\$47,662	\$56,988	19
Audiologists	PhD/PROF	\$59,302	\$81,332	4
Chiropractors	PhD/PROF	\$85,832	\$87,104	17
Dental Hygienists	AD	\$59,164	\$64,118	37
Diagnostic Medical Sonographers	AD	\$61,962	\$70,824	14
Dietitians & Nutritionists	BD	\$49,364	\$60,393	19
Magnetic Resonance Imaging Technologists	AD+	\$64,216	\$70,676	7
Medical Assistants	PS	\$30,514	\$35,350	174
Medical Secretaries and Administrative Assistants	MT OJT	\$29,720	\$34,931	201
Nurse Midwives	MD	\$94,312	\$124,743	6
Optometrists	PhD/PROF	\$85,832	\$121,645	8
Phlebotomists	PS	\$30,848	\$35,558	47
Physical Therapists	PhD/PROF	\$70,532	\$87,257	37
Physician Assistants	MD	\$96,739	\$108,049	57
School Psychologists	PhD/PROF	\$61,162	\$72,694	12
Speech-Language Pathologists	MD+	\$62,752	\$79,717	23

Prepared by **Advantage Central PA**. Source: Lightcast Q1 2023 Data Set

LEGEND: **ST OJT:** Short-Term, On-the-Job Training **MT OJT:** Moderate-Term, On-the-Job Training **LT OJT:** Long-Term, On-the-Job Training
WK EXP: Related Work Experience **PS/PS+:** Post-Secondary Training **AD/AD+:** Associate Degree
BD/BD+: Bachelor's Degree **MD/MD+:** Master's Degree **PhD/PROF:** Professional Degree

Members of Career Ready Central PA, a regional organization whose mission is to “implement a comprehensive career education strategy to create and share resources and opportunities for schools, students, families and businesses that will produce a skilled, sustainable workforce,” developed this brochure. Career Ready Central PA members represent area school districts, universities, workforce development agencies, local business/industry, and nonprofit organizations. Learn more at www.pathtocareers.org.