

HEALTH SCIENCES CAREER PREPARATION GUIDE

Applied Health Studies
Cardiovascular Technology
Dental Hygiene
Health Arts
Nursing
Occupational Therapy Assistant

Paramedic (EMT)
Physical Fitness Specialist
Physician Assistant
Radiography
Sonography
Surgical Technology

While in high school, students interested in these fields of study should develop skills in:

ORAL AND WRITTEN COMMUNICATION

Take English courses each year.

- Extensive skills preparation required in most fields, with good skills required in **Physical Fitness Specialist** and **Practical Nursing**.

MATH SCIENCE

Take a math course each year. At minimum, complete Algebra II.

Take a science course each year, including:

- One year of Biology (with lab) and one year of Chemistry (with lab)
- At least three units of Science (including Biology with lab) is recommended for **Physical Fitness Specialist** and **Practical Nursing**; for others more coursework is recommended as shown.
- **Nursing** and **Dental Hygiene** require Chemistry.

Other preferred Science courses:

- Anatomy & Physiology
- Physics
- Physics is important in **Radiography, Physician Assistant** and helpful in **Paramedic** and **Dental Hygiene**.

SOCIAL STUDIES

Take a course each year. Psychology is recommended.

***Students also should score at least "proficient" on the State PSSA assessments in writing, mathematics, and reading.*

If you have completed high school without taking the courses recommended here, contact the School of Health Sciences. Our advisers can work with you to develop an appropriate course of study, which may include additional coursework to prepare you for success in your field of study.

For more information, contact:

SCHOOL OF HEALTH SCIENCES

Phone: (570) 327-4519

E-mail: healthsciences@pct.edu

Visit the Web site: www.pct.edu

**Pennsylvania College
of Technology**

PENNSTATE



An affiliate of The Pennsylvania State University

Penn College operates on a nondiscriminatory basis.

** See other page for complete listing of majors offered by the School of Health Sciences.*

SCHOOL OF HEALTH SCIENCES

APPLIED HEALTH STUDIES	Bachelor of Science Degree offered traditionally and online via Distance Learning
CARDIOVASCULAR TECHNOLOGY	Bachelor of Science Degree emphasis offered in conjunction with Geisinger Medical Center, School of Cardiovascular Technology
DENTAL HYGIENE	Bachelor of Science Degree offered traditionally and online via Distance Learning AND Associate of Applied Science Degree
EMERGENCY MEDICAL SERVICES	Associate of Applied Science Degree with transfer opportunities to Applied Health Studies
HEALTH ARTS	Associate of Applied Science Degree with transfer opportunities to Applied Health Studies
NURSING	Bachelor of Science Degree completion OR traditional, four-year degree AND Associate of Applied Science Degree in preparation for R.N. licensure AND 12-month Certificate leading to Practical Nursing licensure
OCCUPATIONAL THERAPY ASSISTANT	Associate of Applied Science Degree with transfer opportunities to Applied Health Studies
PARAMEDIC TECHNICIAN	13-Month Certificate
PHYSICAL FITNESS SPECIALIST	Associate of Applied Science Degree with transfer opportunities to Applied Health Studies
PHYSICIAN ASSISTANT	Bachelor of Science Degree
PRACTICAL NURSING	12-Month Certificate (<i>Leading to licensure as Practical Nurse</i>)
RADIOGRAPHY	Associate of Applied Science Degree with transfer opportunities to Applied Health Studies
SONOGRAPHY	Competency Credential with transfer opportunities to Applied Health Studies
SURGICAL TECHNOLOGY	Associate of Applied Science Degree with transfer opportunities to Applied Health Studies

Why choose Pennsylvania College of Technology for your health sciences education?

- o Penn College is a special mission affiliate of Penn State, committed to applied technology education. Located in Central Pennsylvania, the modern campus provides students access to hands-on education using the latest equipment and technologies.
- o Faculty bring a unique combination of energy, experience, and commitment to the classroom.
- o Graduates consistently score well on licensure and board exams and readily find employment locally and throughout the nation and/or are accepted into programs to continue their education.

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