

# Community College of Philadelphia

## Biomedical Technician Training Program

*Enter the World of Medical Research*

Are you curious about diseases and their causes? Would you like the opportunity to work in prestigious laboratories around the world to help develop vaccines and new or more effective treatments for medical conditions and diseases? The Biomedical Technician Training program can help prepare you for a rewarding laboratory career with the potential to contribute to medical advances and discoveries.

*“Science technicians, such as biological and chemical technicians, play an important part in research and development of new medicines.”*

– Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2006-07 Edition*

The program is a partnership with The Wistar Institute, an international leader in basic biomedical research. Discoveries at Wistar have led to the development of vaccines for rabies and rubella, as well as the identification of genes associated with cancers of the breast, lung and prostate. Most students who participate in this program are also enrolled in one of the College’s science associate’s degree programs.

In the Biomedical Technician Training program, you have two summers of hands-on training at The Wistar Institute and The Fels Institute and possibly other academic or corporate research centers. These internships offer an exceptional opportunity to learn how to function as a critical member of a renowned laboratory research team.

The program features:

- preparation for a specialized career while you earn an A.A. or A.A.S. in science

- access to sophisticated technology at world-class research institutions
- two summers of paid internships

Currently, few community colleges have such an intensive program of study. Even many science graduates of four-year colleges or universities will not have had the opportunity to develop the level of laboratory expertise as someone completing the Biomedical Technician Training program.

### Career Paths

Biomedical technicians, also known as laboratory or research assistants, are valued and respected as critical members of a well-functioning research laboratory team and work in a multitude of settings, including:

- academic research centers
- government research laboratories
- pharmaceutical companies
- biotechnology companies



# Biomedical Technician Training at Community College of Philadelphia

The U.S. Department of Labor's *Occupational Outlook Handbook, 2006-07 Edition*, predicts that the number of jobs for biological technicians will grow 9 to 17 percent through 2014. "Biological technicians" is a broad category that includes technicians in the biomedical area and other related research fields.

Many biomedical research laboratories report having difficulty in recruiting sufficient numbers of qualified, well-trained technicians. Therefore, the numerous pharmaceutical, bioscience, medical device and research and health care institutions throughout the Delaware Valley recognize this program for its educational creativity and effectiveness, as well as an excellent workforce resource.

## Salaries

Biological technicians – \$15.97/hr\*

\*Median hourly earnings, May 2004, courtesy of Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2006-07 Edition*

## The Biomedical Technician Training Program

The Biomedical Technician Training program is specifically designed for students who wish to enter a career working in a biomedical research laboratory. Over time, some choose to continue their education.

The program introduces students to some of the latest equipment and experimental techniques widely used in this field throughout the world. It provides hands-on opportunities to learn how to:

- follow laboratory protocols
- make detailed observations

## College Information

Visit the College Website at [www.ccp.edu](http://www.ccp.edu) to find out about:

### Academic Programs

[www.ccp.edu/site/academic/](http://www.ccp.edu/site/academic/)

### Admissions Process

[www.ccp.edu/site/prospective/admissions\\_process.php](http://www.ccp.edu/site/prospective/admissions_process.php)

### Transfer Agreements

[www.ccp.edu/site/prospective/transfer\\_agreements/](http://www.ccp.edu/site/prospective/transfer_agreements/)

### Financial Aid

[www.ccp.edu/site/prospective/financial\\_aid/](http://www.ccp.edu/site/prospective/financial_aid/)

### Scholarships and Awards

[www.ccp.edu/site/current/scholarships/](http://www.ccp.edu/site/current/scholarships/)

### College Life

[www.ccp.edu/site/current/student\\_life/](http://www.ccp.edu/site/current/student_life/)

### Directions to the College

[www.ccp.edu/site/locations/main.php](http://www.ccp.edu/site/locations/main.php)

- collect, analyze and record data
- report experimental results

The program is also appropriate for people who have other degrees and are seeking a career change.

## Areas of Study

This curriculum includes courses in Chemistry, Cellular and Molecular Biology and Mathematics.

## Additional Information

For more information, please contact D. Michael Byler at [dbyler@ccp.edu](mailto:dbyler@ccp.edu) or call 215-751-8614.

## Admission to the College

We accept students on an open enrollment basis, meaning that applications are accepted at all times of the year. For registration information, call **215-751-8010** or e-mail [admissions@ccp.edu](mailto:admissions@ccp.edu).

## Affirmative Action Statement

Community College of Philadelphia is committed to the principles of equal employment and equal educational opportunity for all persons without regard to race, color, ancestry, creed, national or ethnic origin, age, sexual orientation/preference, religion, sex, disability or status as a disabled veteran or veteran of the Vietnam Era, in the administration of its educational programs, activities, or employment in accordance with applicable Federal statutes and regulations. Any questions regarding this statement should be directed to the Director, Office of Diversity and Equity located in room M2-36; telephone number 215-751-8039.