

# Community College of Philadelphia

## Computer-Assisted Design Technology

### *CAD Leads to Many Careers*

Are you good at thinking three dimensionally? Would you like use your computer skills to develop creative design ideas? The Computer-Assisted Design Technology program can equip you with a well-defined specialization. The program teaches skills that can be applied to fields such as architecture, interior design or construction management.

With computer-assisted design (CAD), you use specialized computer software to create precise technical drawings. In addition to your software expertise, you rely upon knowledge of building systems and materials and the many types of documents used in industry projects.

The CAD Technology program combines a liberal arts foundation with these specialized features:

- preparation of sophisticated computer drawings used in the architecture, design and construction fields
- foundations of document management, scanning, printing and plotting
- practical knowledge of building materials and construction processes
- guidance in showcasing abilities with a portfolio, Web site and more
- experienced, supportive faculty

*This program is the only one in the region where students learn alongside their counterparts in three related fields*

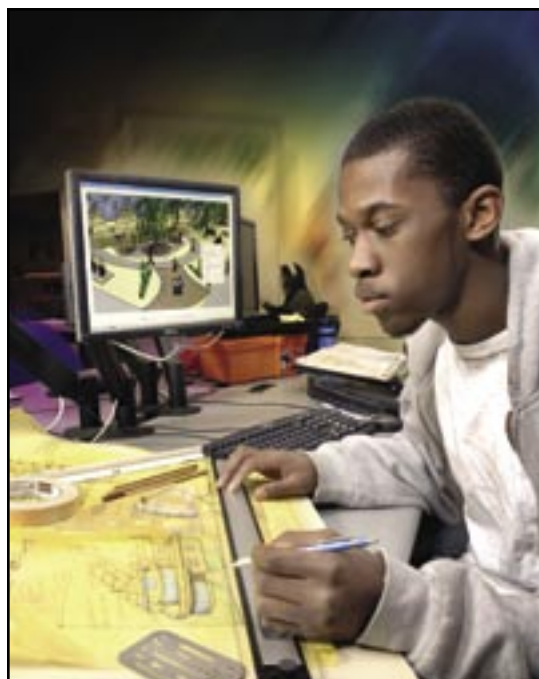
The program features industry-standard professional software including AutoDesk and Adobe lines, plus computer availability rarely found in college programs in this region.

A one-year certificate in CAD Technology is available for those who desire to change fields or upgrade skills.

#### **Career Paths**

Graduates of this program can become drafters or technicians primarily in architecture, engineering, construction or architectural animation. Drafters translate ideas, sketches and technical information into complete, accurate drawings needed to make buildings, structures or products. Technicians assist design, construction or art professionals to create renderings and animations or other three-dimensional simulations.

According to the U.S. Department of Labor's *Occupational Outlook Handbook, 2006-07 Edition*, opportunities for drafters are best for "individuals with at least two years of postsecondary training in a drafting



# Computer-Assisted Design Technology at Community College of Philadelphia

program that provides strong technical skills,” as well as considerable experience with computer-assisted design and drafting.

Graduating with an A.A.S. in CAD Technology prepares you to:

- apply for a position as drafter or technician
- customize CAD software for companies or special uses
- provide technical support to computer users

## Salaries

Architectural and civil drafters – \$39,190\*

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

## The CAD Technology Program

CAD Technology students take their core courses with students in the Construction Management, Interior Design and Architecture programs. In this interdisciplinary learning community, each student explores the other fields that interrelate closely with his or her specialization. Students gain valuable insights for use in career decision-making and on the job. The CAD Technology program is the only one in the region where students learn alongside their counterparts in three related fields.

CAD Technology prepares you to create a complete project package including:

- two- and three-dimensional drawings
- Web sites for posting the documents
- written documents that explain the concept or project

## 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)

The program offers maximum flexibility in scheduling with day, evening and part-time classes.

## Areas of Study

This curriculum includes courses in CAD, (technical applications, three-dimensional computer animation and rendering and building documentation), environmental systems, materials and detailing, building codes, legal considerations and building rehabilitation and development.

## 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 email **[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.