

WHY CHOOSE THIS CAREER PATHWAY?

Someone designed virtually everything you use today, and drafters are an integral part of that design process. As a computer-aided design and drafting (CADD) technician, you will create the technical drawings and plans used in the construction and manufacturing industries. Graduates from our two-year Associate of Applied Science program in CADD Drafting or Mechanical Engineering Technology embark on new careers in a wide variety of drafting and design disciplines.

Projections call for strong job growth in the field, and CADD faculty and staff at Cuyamaca College bring years of experience in the areas of mechanical engineering, architectural design, and civil engineering, and they are dedicated to preparing students for entering the workforce.



ABOUT CAREER EDUCATION

The Grossmont-Cuyamaca Community College District offers scores of career education programs in a wide spectrum of areas such as business office technology, web design, culinary arts and more. Classes cost just \$46 per unit, and many programs may lead to employment as quickly as within a year.

Projections through 2025 indicate a need for 1.5 million workers with some postsecondary education (but less than a bachelor's degree). Career education is vital to bridging this gap because it provides a pathway to good-paying jobs and supplies the hands-on, practical training employers demand.

So what are you waiting for?
For more information about career education programs at Grossmont and Cuyamaca colleges, visit the web at Grossmont.edu/career-education or Cuyamaca.edu/career-education.

QUESTIONS?

Interested in learning more about the CADD Technology Program at Cuyamaca College?



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CADD (COMPUTER -AIDED DESIGN AND DRAFTING) TECHNOLOGY

CAREER EDUCATION AT CUYAMACA COLLEGE



CUYAMACA
· COLLEGE ·

ABOUT CADD TECHNOLOGY

This program is designed to train students as drafting technicians for entry-level positions in a variety of career fields. Students completing the program will develop a strong foundation in blueprint reading and architectural drafting, along with specialized skills in computer-aided design and three-dimensional drafting.

Most CADD graduates go on to work in an office setting, and nearly half of all drafters work in architectural and engineering firms. Architectural drafters work with architects and designers in the preparation of drawings necessary to build a structure. Mechanical drafters work with mechanical engineers and designers to prepare detailed drawings of a wide variety of machinery and mechanical devices. Aerospace drafters prepare detailed drawings used in the manufacturing of aircraft. Electrical drafters prepare wiring and layout diagrams, and civil drafters prepare drawings and topographical maps for projects such as highways, bridges, and pipelines.

Although certification is typically not required for drafters, many find it a useful credential when seeking employment. Drafters who would like to obtain certification can do so by passing the Drafter Certification Test through the American Design Drafting Association. Individuals must show competence in basic drafting concepts to pass the test.



AVAILABLE CAREER PATHS

- Architectural CADD Technician
- CADD Technician for Civil Engineering
- CADD Technician in Electronics
- CADD Technician for Structural Engineering
- Surveying CADD Technician
- Aeronautical or Aerospace Drafters
- Pipeline Drafters

DEGREES & CERTIFICATES IN CADD TECHNOLOGY

- CADD Technology – emphasis in Building Design Industry or Manufacturing Industry

WHAT YOU CAN EARN

Architectural and civil drafters in San Diego County earn an average annual salary of \$61,130, or \$29.39 per hour, according to the federal Bureau of Labor Statistics. Mechanical drafters earned similar salaries, with the average wage in excess of \$64,000 annually.



HOW TO APPLY AND ENROLL

- ✓ Find class schedules and links to apply at gcccd.edu/now
- ✓ Log into **WebAdvisor** and register for classes
- ✓ Pay fees and **attend your classes!**

WHAT STUDENTS ARE SAYING

"When someone suggested that since I once enjoyed drafting and excel with computers, I might like AutoCAD, I wasn't sure I wanted to take the time to re-educate myself. However, I enrolled in CADD classes at Cuyamaca College, and from my first class in AutoCAD I loved it. CADD engaged my brain while allowing me to solve problems." -Bryan Monks

