

# Jobs for the Future

The U.S. Bureau of Labor Statistics predicts that IT jobs will be among the fastest-growing and highest-paying over the next decade. Many IT careers offer flexible hours or telecommuting, making it easier to blend career and family. And IT professionals have skills that are useful in many different jobs.

Several industries report relatively strong IT hiring and technology investments. The federal government's economic stimulus package is expected to further boost IT spending in some sectors.

A study from IT research firm International Data Corp. (IDC) shows that the information technology sector will contribute significantly to the global economic recovery, creating 5.8 million jobs and more than 75,000 new businesses over the next four years.

## Take command of your future!



El Centro College offers four distinct career paths to prepare you for today's workplace and jobs for the future.

### Information Technology Career Paths.

#### **Networking/Security**

Network technology specialists design, evaluate, test and maintain a diverse array of networks including LANS (local area networks), WANs (wide area networks), Internet-based networks, intranets, and voice communication and wireless systems. The need for smart home integration technicians is also growing in demand.

Companies of all sizes increasingly recognize the importance of jobs performed by security specialists involved in planning, coordinating and implementing the organization's information security.

This career path can lead to a wide variety of job positions including: Network administrator, Network support technician, Convergence technology specialist/technician, Smart home technology integrator, Network security specialist.

---

#### **PC Support**

Personal computer support specialists install computer hardware and software, interpret and resolve problems for users, and provide technical support and day-to-day administration, maintenance and support of computer systems.

This career path can lead to a wide variety of job positions including: Computer support specialist, Help desk/end-user support, PC technician

---

## **Programming/Database**

Application development specialists (also called programmers) design, write and update computer programs or software using a variety of programming languages including C++, C# Java and Visual Basic. Database administrators maintain storage systems, run archival networks, monitor system performance and help maintain database security.

This career path can lead to a wide variety of job positions including: Programmer, Software developer, Systems analyst, Database Administrator, Database analyst.

---

## **Internet Development Technologies**

Web developers design, code, test and debug Web-based programs to create, publish and maintain Web sites. They also apply analytical problem solving to multimedia/interactive solutions for Internet markets by drawing on the skills of the computer programmer and the visual artist to integrate graphics, text and digital audio/video interactively. Gaming as a profession is also introduced in selected courses.

This career path can lead to a wide variety of job positions including: Webmaster/Web administrator, Web designer, Web developer, Multimedia specialist, Game developer.

---

Each career path offers an Associate in Applied Sciences degree and several certificates and awards.

El Centro's Information Technology programs provide specialized training to prepare you for immediate job openings for all these specialties that exist in today's technology job market, as well as those projected to dominate the job market in the 21st century.

## **Program Benefits**

- No prerequisites to enter the program
- No limit on number of students enrolling in program options
- Flexible degree and certificate options
- Structured learning emphasizing team work
- State-of-the-art computer labs with Internet access
- Open Labs