

CAREER OPPORTUNITIES IN INFORMATION TECHNOLOGY SECTOR



10 TIPS FOR CHOOSING THE RIGHT CAREER FOR YOU

*How does a person know what career to work toward?
There is no perfect answer, but the following 10 tips will
get you off to a good start.*

- 1 Get to know yourself** – Complete more than one self-assessment test.
- 2 Identify your strengths and weaknesses** – What do you do well and what do you not do well?
- 3 Develop an inventory of careers** – Write down some careers that might interest you.
- 4 Research different careers** – Talk to others and use the Internet.
- 5 Write the pros and cons** – List positives and negatives about the careers that interest you.
- 6 Network** – Discuss your ideas with others.
- 7 Talk with people who work in your area of interest** – Family and friends are great resources.
- 8 Find a mentor** – Find someone with whom you can discuss your career selection.
- 9 Experiment** – Take a related class or part-time job.
- 10 Don't give up** – "If there is a will, there is a way."



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Plan For Success
Visit statecenter.com/industrysectors





Are you comfortable around computers and people? If you like working with computers and other technology, this career sector could be for you. The Information Technology (IT) industry offers a dynamic and entrepreneurial working environment that has had a revolutionary impact on the economy and on society. No other career sector offers as much diversity as information technology. You can take the skills learned in these pathways and apply them to any sector of our economy. The IT sector contains some of the fastest-growing industries, such as software publishing, Internet publicizing, service providers, Web search portals, and data-processing services.

Web sites
for further information:

www.californiacareers.info

www.whodouwant2be.com

www.californiacolleges.edu

www.edd.ca.gov/Jobs_and_Training/

Career Pathways



Information Support and Services Pathway

Mastery of information technologies is an essential part of nearly all successful business organizations today. People who have experience in information support services are constantly in high demand for a variety of positions. Students in this pathway prepare for careers that involve the implementation of computer services and software, provision of technical assistance, creation of technical documentation, and management of information systems.

CAREERS/CAREER AREAS:

- *Word Processing Operator*
- *Technical Writer*
- *Software Engineer*
- *Chief Technology Officer*
- *Administrative Assistant*
- *Database Administrator*
- *Business Teacher*
- *Information System Architect*



Media Support and Services Pathway

Organizations of all types and sizes use digital media to communicate with existing and potential customers.

Students in the Media Support and Services Pathway prepare for careers that involve creating, designing, and producing multimedia products and services. These services may include e-business Web sites or computer enhanced visual media.

CAREERS/CAREER AREAS:

- *Web site Developer*
- *Computer Operator*
- *Computer Graphic Artist*
- *Web Architect*
- *Webmaster*
- *Multimedia Producer*
- *Corporate Communication Manager*
- *Graphic Designer*



Network Communications Pathway

The successful establishment and maintenance of an information technology infrastructure is critical to the success of 21st Century businesses and organizations. In the Network Communications Pathway, students learn skills and techniques for network analysis, planning, design, implementation, maintenance, and management of network systems. As network administrators, they are often responsible for making recommendations regarding hardware and software issues. Network communication skills will qualify students for careers in most areas of business.

CAREERS/CAREER AREAS:

- *Software/Hardware Installer*
- *Network System Analyst*
- *Computer Security Specialist*
- *Network System Assistant*
- *Telecommunications Specialist*
- *Network Administrator*
- *Network Engineer*
- *Data Communications Specialist*



Programming and Systems Development Pathway

Students in the Programming and Systems Development Pathway prepare for careers that involve the design, development, and implementation of computer systems and software. Students learn different operating systems, programming language, and software development. Having expertise in these areas opens doors to careers working with cutting-edge technology and developing products for businesses and consumers.

CAREERS/CAREER AREAS:

- *Programmer/Software Technician*
- *Operating System Designer*
- *Software Architect*
- *Software Applications Support*
- *Computer Software/Hardware Engineer*

