CAREER FUNNEL (Least preferred)

Jobs in the information technology career cluster involve the design, development, support, and management of hardware, software multimedia, and systems integration services.

Career Pathways in Information Technology

A career pathway is an area of concentration within a career cluster. Each pathway contains a group of careers requiring similar academic and technical skills as well as similar industry certifications or postsecondary education. The information technology career cluster has four pathways: information support and services, programming and software development, network systems, and interactive media.

- **Information Support and Services:** This is the largest pathway in IT, and it involves analyzing users' requirements in detail, selecting the best possible solution, writing specifications, and obtaining the necessary hardware.

- **Programming and Software Development:** People in this pathway design, develop, and produce computer software.

- **Network Systems:** This pathway includes the workers who establish and maintain links between computers, either within a single office, or across the World Wide Web. Jobs include systems engineer, network support specialist, network engineer, etc.

- **Interactive Media:** Workers in this pathway create computer applications and content based on interactive media technology.