Information Technology means working with:

-Computers

-Networks

-Satellite Communications

-Robotics

-Electronic Games

-Videotext, email

-Hardware, software, and services

You may like Information Technology Careers if you like to:

-Build and take apart computers

-Play video games

-Develop Web pages

-Install software

-Assemble computer hardware information

-Surf the net

-Learn new software programs

-Repair machine and/or computer systems

-Set up computer networks

-Analyze data and information

-Documenting and recording

Careers you may have heard of in the Information Technology Career Cluster:

-Business Intelligence Analyst

-Computer Security Specialist

Computer Software Engineer

-Database Administrator

-Network Systems and Data Communication Specialist

-Video Game Designer

-Web Administrator

Traits of People in the Information Technology Field...

- Strong background in math and science
- Good technical skills
- Great communication skills
- Good time management skills
- The ability to problem solve well

About the Information Technology Cluster…

- ☐ One of 16 National Career Clusters
- ☐ Involves planning, managing, and providing Technology services, such as:
  - ◻ Hardware
  - ◻ Internet
  - ◻ Networking
  - ◻ Software
- ☐ Has four career pathways

Information Technology Career Pathways

- **Information Support Services**
  - Ex: Computer Systems Analysts

- **Interactive Media**
  - Ex: Computer Programmers

- **Network Systems**
  - Ex: Software Developers

- **Programming and Software Development**
  - Ex: Database Administrators

INDIANA COLLEGE & CAREER PATHWAY PLAN – JOHN GLENN HIGH SCHOOL

Cluster: Information Technology   Career Pathway: PC & Network Support

Grade	English/ Language Arts	Math	Science	Health/Dig Cit. Phys. Education Social Studies	CTE/Career Preparation Courses For this Pathway	Other or Elective For this Pathway	Elective For this Pathway
9	English 9	Algebra I (C level avail.)	ICP or Biology	Health/Dig Cit	Preparing for College/Careers	Physical Education	World Language
10	English 10	Geometry/ Algebra II (C level avail.)	Biology or Chemistry	US History		/Personal Financial Respons.	World Language
11	English 11	Algebra II/ Geometry (C level avail.)	3rd Core 40 Science	World History & Civilization		Psychology/ Sociology	World Language
12	English 12	Math or Quantitative Reasoning		US Government/ Economics (QR)	Microsoft Certified Systems		

John Glenn High School Technology Courses:

[-4780 - COMMUNICATION SYSTEMS](#)

[-4790 - INTRODUCTION TO COMMUNICATION](#)

[4784 - INTRODUCTION TO MANUFACTURING](#)

[4800 - COMPUTERS IN DESIGN AND PRODUCTION](#)

[4786 - TRANSPORTATION SYSTEMS](#)

[INTERACTIVE MEDIA (BROADCASTING)](#)

Information Technology