

About the Information Technology Cluster...

2

- ❑ 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

3

- ❑ **Information Support Services**

- ▣ Ex: Computer Systems Analysts

- ❑ **Interactive Media**

- ▣ Ex: Computer Programmers

- ❑ **Network Systems**

- ▣ Ex: Software Developers

- ❑ **Programming and Software Development**

- ▣ Ex: Database Administrators

Traits of People in the Information Technology Field...

4

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

Fastest Growing Information Technology Careers (2006 –2016)

5

- ❑ Information Security Analysts
- ❑ Market Research Analysts
- ❑ Video Game Designers
- ❑ Computer Network Architects
- ❑ Computer Science Teachers, Postsecondary
- ❑ Information Technology Project Manager
- ❑ Architectural and Engineering Managers
- ❑ Web 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.)	3 rd Core 40 Science	World History & Civilization		Psychology/ Sociology	World Language
12	English 12	Math or Quantitative Reasoning		US Government/ Economics (25%)	Microsoft Certified Systems		

A close-up shot of a person's hand holding a handheld electronic device. The device has a small screen displaying red text and a keypad with blue and red buttons. The background shows industrial or laboratory equipment.

THEY DEPEND ON ISN'T FUNCTIONING
THE WAY THEY EXPECT, AND THEY'LL
LOOK TO YOU TO MAKE IT BETTER.