



About the Information Technology Cluster...

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- ❑ 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

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- ❑ **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...

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- ❑ 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)

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- ❑ 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
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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/ History (US)	Microsoft Certified Systems		

A close-up photograph of a person's hand interacting with a handheld electronic device. The device has a small screen displaying red text and a keypad with blue and red buttons. The person is wearing a white lab coat. In the background, there is a piece of laboratory equipment with a control panel and a printer. The overall scene is a laboratory or office environment.

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