INFORMATION TECHNOLOGY

CYBERSECURITY PATHWAY

The increased use of computers has created a high demand for specialists to provide advice to users, as well as for day-to-day administration, maintenance, and support of computer systems and networks. This pathway is designed to introduce students to the field of cybersecurity while examining best practices related to the management of security, ethics, trust, internal/external threats, cryptography, and wireless technologies. Computer-related jobs are generally high paying, and those working in the profession require a foundational knowledge of problem solving and logical thinking.

PATHWAY COURSES
- Introduction to Hardware Technology
- Introduction to Cybersecurity
- Advanced Cybersecurity

RECOMMENDED COURSES
- Any Advanced Math Course
- Any Business and Computer Science Course
- Any Engineering Course
- Any World Language

POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES
TECHNICAL COLLEGES
- Cybersecurity
- Cyber Crime Specialist
- Computer Support Specialist
COLLEGES/UNIVERSITIES
- Computer Support Specialist
- Computer Science
- Management Information Systems

CAREER AND TECHNICAL STUDENT ORGANIZATIONS

TOP CAREER CHOICES

Computer & Information Systems Managers
  Bachelor Degree needed
  $134,679 annual salary
  333 annual average openings in Georgia

Computer Support Specialists
  Some College/No Degree Required
  $44,700 annual salary
  830 annual average openings in Georgia

Network & Computer System Administrators
  Bachelor Degree needed
  $83,734 annual salary
  246 annual average openings in Georgia

ADDITIONAL CAREER CHOICES

Administrative Support Workers Network

Computer & Information Systems Managers

Computer System Administrators

Computer Network Support Specialist

Computer Operators

Computer User Support Specialist

First-Line Supervisors of Office

 Source: GADOE Plans of Study

- ● Alliance Academy for Innovation
- ● Denmark High School
- ● East Forsyth High School
- ● Forsyth Central High School
- ● Forsyth Virtual Academy
- ● Lambert High School
- ● North Forsyth High School
- ● South Forsyth High School
- ● West Forsyth High School