

## FINANCE CLUSTER

# FINANCIAL TECHNOLOGY (FINTECH) PATHWAY



The pathway explores what new financial technologies are emerging and how technological advances in data analytics are enabling innovation in the financial industry. Through this pathway students examine new services and business models in various areas of banking, insurance, and financial asset management. Students will not only understand the concepts but will apply their knowledge to situations and defend their actions, decisions, and choices through the knowledge and skills acquired in this course. Various forms of technologies and internet research will be highlighted to expose students to the resources available within financial technology. The pathway focuses heavily on the usage of technology that powers financial ecosystems, digital finance platforms, mobile payments, and digital asset management. Students will explore the characteristics and functions of electronic and mobile payment systems and the design and development of dynamic, data-driven financial applications using client- and server-side architecture.

### PATHWAY COURSES

- Introduction to Financial Technology
- Financial Technologies and Services
- Coding for FinTech

### RECOMMENDED COURSES

- Introduction to Business and Technology
- Introduction to Digital Technology
- Financial Literacy
- Principles of Accounting I
- Computer Science Principles or AP Computer Science Principles
- Digital Design
- Embedded Computing

### POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES

#### TECHNICAL COLLEGES, COLLEGES/UNIVERSITIES

- Associates of Science
- Bachelor of Business

### CAREER AND TECHNICAL STUDENT ORGANIZATIONS



### TOP CAREER CHOICES

#### Account Manager

\$62,832 annual salary

#### Analytics Specialist

\$33,000 - \$60,000 annual salary

#### Salesforce Administrator

\$88,344 annual salary

### ADDITIONAL CAREER CHOICES

Art Director

Business Development Manager

Business Systems Analyst

Customer Service Rep

Data Scientist

Database Administrator

Email Marketing Specialist

Product Manager

Senior NET Developer

Software Engineer/Developer



Source: GADOE Plans of Study

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Georgia-Career-Pathways-New-Rule.aspx>



Forsyth County Schools

**CAREER EXPLORATION**  
*& Pathway Discovery*  
 CTAE Career Pathways / Fine Arts Pathways

- 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