

# PROGRAM OF STUDY: FinTech



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

SECONDARY:					POSTSECONDARY:					
COURSE/ GRADE	NINTH	TENTH	ELEVENTH	TWELFTH	TCC	DIPLOMA OR AAS	ASSOCIATES OF SCIENCE			
ENGLISH	9 <sup>th</sup> grade Lit/ Composition	10 <sup>th</sup> grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit	Entrance/Exit Point	Entrance/Exit Point	Entrance/Exit Point			
MATHEMATICS	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus						
SCIENCE	Physical Science	Biology	Chemistry	Physics						
SOCIAL STUDIES	World History	Psychology	US History	Government (½ unit) Economics (½ unit)						
PATHWAY COMPLETER	<b>Introduction to Financial Technology</b>	<b>Financial Technologies and Services</b>	<b>Coding for FinTech</b>	Another course in focus area, Work-Based Learning, Youth Apprenticeship				<a href="#">Find the campus for the TCC options</a>	<a href="#">Find the campus for the Diploma, Degree options</a>	A link to the <a href="#">Georgia FinTech Academy</a>
<b>Industry Recognized Credential (Pathway Completer)</b>		<a href="#">Visit the End of Pathway Assessment Page</a> (see note below)						<a href="#">eCampus</a> for online degree courses in FinTech		
<b>Required/ Selective Electives</b>	Health & Personal Fitness (can be taken in grades 9-12)	Introduction to Digital Technology	Advanced Placement Computer Science	Networking Fundamentals				<a href="#">Middle Georgia State University</a> degree program in FinTech		
	<b>Modern Language/Latin</b> 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		<b>Other Electives</b> For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.							

**NOTE:** Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

**FinTech Career Pathway Completers - Industry Credentialing for High School Students**  
Upon completion of sequenced courses in the FinTech Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the FinTech pathway will be able to sit for the National Industry Credentialed assessment offered on-line. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: <http://bit.ly/GAInfoTech>.

## Sample In Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2014 – 2024 Employment Outlook
Information Security Analysts	Bachelor's Degree	\$90,122	328	In Demand, High Skill, High Wage
Network Systems Administrators	Bachelor's Degree	\$82,897	772	In Demand, High Skill, High Wage
Computer Network Architects	Master's Degree	\$108,962	408	High Wage, In Demand, High Skill
Database Architects	Bachelor's Degree	\$85,978	1,931	High Skill, High Wage, In Demand

[Data link here.](#)

### FinTech Pathway Description

The Georgia Fin Tech Academy, a collaboration between Georgia's Fin Tech industry and the University System of Georgia, is a talent development initiative that gives learners the specialized educational experiences needed to enter the Fin Tech sector regardless of where they live in the state or the college in which they enroll.

Financial Technology, or Fin Tech, encompasses all the "behind the scenes" operations that occur to make financial services more convenient. Every time you swipe a debit card, make a mobile bank deposit, pay a bill online, or send money to a friend, there are multiple Fin Tech companies working simultaneously to make those transactions possible.

Employment of App developers, Fraud Prevention Specialists, Data Analytics Specialists, and Compliance Specialists will keep this industry growing. Georgia's Fin Tech industry has an estimated need for 5,000 Fin Tech ready professionals by 2021, and 2,000 annually after 2023.

Additional statistics about growth and need for a qualified Georgia workforce for the 170 plus financial technology companies include: \$72 billion in annual revenue and growing, 70% of all U.S. credit card payments processed run through these Georgia companies, and more than 50,000 current Georgians work in FinTech. From Columbus to Savannah to Augusta and to metro Atlanta and many places in between are where you can find financial technology companies.

Overall job prospects will vary by skill level. Job prospects should be good for any worker in the FinTech industry, with salaries for certain positions in this field reaching six figures just out of college.

Go to [GAFutures at www.gafutures.org](http://www.gafutures.org) for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, grants and loans, FAFSA, and CSS forms).

<b>Career Enhancement Opportunities</b>	<p><b>Career-Related Education Activities</b></p> <ul style="list-style-type: none"> <li>• Career Awareness</li> <li>• Career Exploration</li> <li>• Instructional Related</li> <li>• Connecting             <ul style="list-style-type: none"> <li>• Work-Based Learning</li> <li>• Employability Skill Dev.</li> <li>• Cooperative Education</li> <li>• Internship</li> <li>• Youth Apprenticeship</li> <li>• Clinicals</li> </ul> </li> </ul>	<p><b>Postsecondary Options:</b></p> <ul style="list-style-type: none"> <li>• 4-Year Universities/Colleges</li> <li>• 2-Year Colleges</li> <li>• Technical Colleges</li> <li>• State Registered Apprenticeships</li> <li>• Special Purpose Schools</li> <li>• On-the-Job Training</li> <li>• Military</li> </ul>	<p><b>Earning Postsecondary Credits While in High School</b></p> <ul style="list-style-type: none"> <li>• Dual Enrollment Program</li> <li>• Earn postsecondary credit while in high school</li> <li>• You can complete             <ul style="list-style-type: none"> <li>• Industry Credential</li> <li>• Technical Certificate of Credit (TCC)</li> <li>• Associates of Applied Science Degree</li> <li>• Bachelor's Degree</li> </ul> </li> <li>• Who can help?             <ul style="list-style-type: none"> <li>• Parents</li> <li>• School Counselor</li> <li>• Advisor</li> </ul> </li> </ul>
	<p><b>Postsecondary Transition</b></p> <ul style="list-style-type: none"> <li>• University System of Georgia Institutions: Admissions Testing             <ul style="list-style-type: none"> <li>• ACT or SAT</li> <li>• For More Information:                 <ul style="list-style-type: none"> <li>• Contact the institution of your choice OR</li> </ul> </li> </ul> </li> <li>• Technical College System of Georgia             <ul style="list-style-type: none"> <li>• Placement Exam</li> </ul> </li> <li>• United States Military             <ul style="list-style-type: none"> <li>• ASVAB Assessment</li> </ul> </li> <li>• Use BRIDGE Law platform to inform decisions on postsecondary opportunities</li> <li>• Dual Enrollment             <ul style="list-style-type: none"> <li>• Earning high school course credits while taking college courses</li> </ul> </li> </ul>		
<b>Related Pathway Occupations</b>		<b>Other Related Occupations</b>	
<ul style="list-style-type: none"> <li>• Data Processing, Hosting, and Related Services</li> <li>• Computer Systems Analysts • Computer Programmers</li> <li>• Blockchain Developer • Cybersecurity</li> <li>• Risk and Compliance</li> </ul>		<ul style="list-style-type: none"> <li>• Quantitative Analysts • Artificial Intelligence</li> <li>• App Developers • Product Managers</li> <li>• Financial or Business Analysts</li> </ul>	
*ONET Online			