

PROGRAM OF STUDY: Information Support and Services



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	BACHELOR OF SCIENCE
ENGLISH	9 th grade Lit/ Composition	10 th grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit	Entrance/Exit Point CA71 CompTIA A+ Certified Technician Preparation Certificate Find the campus for the TCC options	Entrance/Exit Point CS23 Computer Support Specialist Degree Find the campus for the Diploma, Degree options	Entrance/Exit Point The University System of Georgia offers students' higher education options at 30 institutions throughout the state, providing a wide range of academic programming including certificates and associate, baccalaureate, masters, doctoral and professional degrees. https://apps.ds.usg.edu/ords/?p=118:1:0
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	Introduction to Digital Technology	Information Technology Essentials	Information Technology Support	Another course in focus area, Work-Based Learning, or Youth Apprenticeship			
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)					
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Financial Literacy	Introduction to Business and Technology	AP Computer Science Principles			
	Modern Language/Latin 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.		Other Electives 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.

Information Support and Services Career Pathway Completers - Industry Credentialing for High School Students
Upon completion of sequenced courses in the [Information Support and Services Pathway](#), students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the [Information Support and Services pathway](#) will be able to sit for the National Industry Credentialed assessment offered on-line from [NOCTI](#), [MTA](#), and [OKCareerTech](#). 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
Computer Hardware Engineers	Bachelor's Degree	\$95,567	91	In Demand, High Skill, High Wage
Network & Computer System Admin.	Bachelor's Degree	\$83,734	246	In Demand, High Skill
Computer & Information Systems Managers	Bachelor's Degree	\$134,679	333	In Demand, High Skill, High Wage
Computer Operators	Bachelor's Degree	\$40,876	120	In Demand, High Skill

Data link here.

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).

Career Enhancement Opportunities	Career-Related Education Activities <ul style="list-style-type: none"> Career Awareness Career Exploration Instructional Related Connecting <ul style="list-style-type: none"> Work-Based Learning Employability Skill Dev. Cooperative Education Internship Youth Apprenticeship Clinicals 	Postsecondary Options: <ul style="list-style-type: none"> 4-Year Universities/Colleges 2-Year Colleges Technical Colleges State Registered Apprenticeships Special Purpose Schools On-the-Job Training Military 	Earning Postsecondary Credits While in High School <ul style="list-style-type: none"> Dual Enrollment Program Earn postsecondary credit while in high school You can complete <ul style="list-style-type: none"> Industry Credential Technical Certificate of Credit (TCC) Associates of Applied Science Degree Bachelor's Degree Who can help? <ul style="list-style-type: none"> Parents School Counselor Advisor
	Postsecondary Transition <ul style="list-style-type: none"> University System of Georgia Institutions: Admissions Testing <ul style="list-style-type: none"> ACT or SAT For More Information: <ul style="list-style-type: none"> Contact the institution of your choice OR Technical College System of Georgia <ul style="list-style-type: none"> Placement Exam United States Military <ul style="list-style-type: none"> ASVAB Assessment Use BRIDGE Law platform to inform decisions on postsecondary opportunities Dual Enrollment <ul style="list-style-type: none"> Earning high school course credits while taking college courses 		
Related Pathway Occupations		Other Related Occupations	
<ul style="list-style-type: none"> Computer Network Support Specialists Computer User Support Specialists First-Line Supervisors of Office & Administrative Support Workers Network & Computer System Administrators 		<ul style="list-style-type: none"> Computer Operators Computer Hardware Engineers Desktop Publishers Web Administrators 	
*ONET Online			

Information Support and Services Pathway Description

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. Computing jobs are generally high paying, and those working in the computing profession have a high level of job satisfaction. Computing majors require a foundational knowledge of problem solving and logical thinking.

Employers will seek those with strong programming, systems analysis, interpersonal and business skills. Most employers prefer to hire those with at least a bachelor's degree and a broad knowledge of, and experience with a variety of computer systems and technologies. Certifications and practical experience are essential for persons without degrees. Most computer support specialist have full-time work schedules; however, many do not work typical 9-to-5 jobs. Because computer support is important for businesses, support specialists must be available 24 hours a day. As a result, many support specialists work nights and weekends.

Computer and information system managers, computer network support specialists, computer programmers, computer systems analysts, and computer user support specialists are expected to have more than 100,000 job openings each over the period 2014-2024. Jobs will go to the best trained and the most educated.

Job opportunities in the computing field are expected to remain excellent over the next 10 years. It is estimated that the number of people trained for jobs in the computing industry will fall far short of the employment demand. Applicants with a bachelor's degree and a strong technical background should have the best job opportunities.