Peach State Pathways: Program of Study

Business & Computer Science

FBLA·ΦBΛ

Learner Name _____ Date _____

Learner Signature _____ Advisor/Counselor Signature _____

Parent/Guardian Signature _____

This plan of study should serve as a guide, along with other career planning materials, as you continue your education. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.

All plans will meet minimum high school graduation requirements as well as minimum college entrance requirements.

Applicants to Board of Regents institutions should be advised that meeting minimum requirements will not guarantee admission at any institution. Institutions may set additional and/or higher requirements.

High School Education and Career P
Graduation Rules for 9 grade enrolling 2002-20

	Year 9	Year 10	Year 11	Year 12	**Sample** Postsecondary Programs of Study	
					Technical College	College/University
	English/Language Arts	English/Language Arts	English/Language Arts	English/Language Arts		
	Math	Math	Math	Math (AP Calculus)		
	Physical Science/Biology	Biology/Physical Science	Chemistry/Physics	*Physics/Chemistry		
	Political Science (1/2 unit)	World History	United States History	Economics (1/2 unit)		

Required Courses
PE (1/2 unit), Health (1/2 unit),
Computer Technology and/or Fine Arts and/or Technology Career and/or Foreign Language (1 unit),
Foreign Language (2 units in same language) for CP/CP+ diploma

Recommended career pathway sequence of courses:
(Student must complete 3 units in the selected pathway and one related unit to receive C/T diploma seal)

11.41300 Computing in the Modern World (BCS-CMW)
11.41400 Information Technology Essentials (BCS-ITE)
11.42000 Information Technology Support (BCS-ITS)

CAREER PATHWAY RELATED COURSES (choose one):
06.41700 Entrepreneurial Ventures (BCS – EV)
07.44110 Computer Applications 1 (BCS-CA1)

*dual seal

Technical College:
The following links will list Department of Technical and Adult Education institutions offering programs in **Computer Systems and Support.** Each technical college varies in the specific degrees (AAS) and diplomas offered. Search the drop-down boxes for a specific program OR school.

Associate Degree and Diploma Programs
https://kms.dtae.org/portal/reports/ApprovedPrograms/diplomaAP.asp

Certificate Programs (short training programs from one to four quarters in preparation for employment)
https://kms.dtae.org/portal/reports/ApprovedPrograms/certificateAP.asp

College/University:
The following link will list Board of Regents institutions offering degrees in **Computer Science.** In the first box titled "Major," type in "Computer Science." Then click the button at the bottom "View Matching Campuses" for a list. It will not be necessary to fill in all the other boxes. Further research will be required for specific programs of study that align with the pathway.
http://www.gacollege411.org/Select/MatchAsst/default.asp

GACollege411 Helping Students Plan, Apply, and Pay for College

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Career Enhancement Options

Career-Related Education Activities
☐ Career Awareness
☐ Career Exploration
☐ Instructional Related
☐ Connecting
☐ Work-Based Learning
• Employability Skill Dev.
• Cooperative Education
• Internship
• Youth Apprenticeship
• Clinicals

Possible postsecondary credit opportunities may include:
• *Advanced Placement
• *Articulated Credit (Technical Colleges)
• *Dual Enrollment/ACCEL (Degree Programs)
• *Dual Enrollment/HOPE (Certificate and Diplomas)
• Joint Enrollment (postsecondary credit only)

*Postsecondary credit opportunities allow high school students to earn both college and high school credit simultaneously while in high school. Check with your counselor/advisor and your Education and Career Partnership program manager for more information regarding these opportunities and others, such as Early College, which serves both middle and high school students.

Postsecondary Options:
• 4-Year Universities/Colleges
• 2-Year Colleges
• Technical Colleges
• State Registered Apprenticeships
• Special Purpose Schools
• On-the-Job Training
• Military

Current GEORGIA Graduation Rule Areas of Study:	Dual Seal	Technology Career Seal	College Prep Seal	Technology Career Seal+	College Prep Seal+
English/Language Arts * (4 units)	4	4	4	4	4
Math* (3 for C/T or 4 units for C/P)	4	3	4	3	4
Social Studies* (3 units)	3	3	3	3	3
Science* (3 units)	3	3	3	3	3
Foreign Language* (2 units)	2	0	2	0	2
PE (1/2 unit)	½	½	½	½	½
Health (1/2 unit)	½	½	½	½	½
Computer Technology and/or Fine Arts and/or Technology Career and/or Foreign Language (1 unit)	1	1	1	1	1
***Technology Career: 3 units in a selected pathway and 1 unit in a related pathway (4 units)	4	4	0	4	0
Locally required and elective units	0	3**	4	4**	4
State Electives from Core Areas (*) and/or Fine Arts				1	2
Total	22	22	22	24	24

*Core courses
**Technology Career students may want to utilize elective units in Foreign Language or as a fourth unit of Math depending on the student's intentions upon graduation to continue their education. Go to www.GACollege411.org for more information.
***Technology Career includes JROTC

Occupation Specialties	Level of Education Needed	Average Entry Level Salary	Annual Average Openings Georgia
Computer Operations	On-the-job	$33,821	90
Computer Specialist	Associate Degree	$55,640	80
Computer Support Specialist	Associate Degree	$42,765	800

COMPUTER SYSTEMS AND SUPPORT PATHWAY

There are many paths of entry to these occupations. Job prospects should be best for college graduates with relevant skills and experience; certifications and practical experience are essential for people without degrees. *Computer support specialists* provide technical assistance, support, and advice to customers and other users. This occupational group includes *technical support specialists* and *help-desk technicians.* These troubleshooters interpret problems and provide technical support for hardware, software, and systems. They answer telephone calls, analyze problems by using automated diagnostic programs, and resolve recurring difficulties. Support specialists work either within a company that uses computer systems or directly for a computer hardware or software vendor. Increasingly, these specialists work for help-desk or support services firms, for which they provide computer support to clients on a contract basis.

Technical support specialists respond to inquiries from their organizations' computer users and may run automatic diagnostics programs to resolve problems. They also install, modify, clean, and repair computer hardware and software. In addition, they may write training manuals and train computer users in how to use new computer hardware and software.

Employment of computer support specialists is expected to increase by 13 percent from 2006 to 2016, which is about as fast as the average for all occupations. Demand for these workers will result as organizations and individuals continue to adopt increasingly sophisticated technology.

For more information:
Association for Support Professional www.asponline.com
Occupational Outlook Handbook http://www.bls.gov/oco/ocos268.htm