

Georgia Performance Standards Computing Career Pathway (Computing in the Modern World, Beginning Programming, and Intermediate Programming)
Alignment to *National Standards for Business Education*.

Information Technology	CMW	BP	IP
Assess the impact of information technology on society.	2	13	
Describe current and emerging computer architecture; configure, install and upgrade hardware systems; and diagnose and repair hardware problems.	4 5 8		
Identify, evaluate, select, install, use, upgrade, customize, and diagnose and solve problems with various types of operating systems, environments, and utilities.	4		
Describe the information technology components of major business functions and explain their relationships.	1		
Identify, evaluate, select, install, use, upgrade, and customize application software; diagnose and solve problems resulting from an application software's installation and use.	4		
Use input technologies appropriately to enter and manipulate text and data.			7
Gather, evaluate, use, and cite information from information technology sources.	12		
Design, develop, test, and implement programs.	16	6	6
Analyze and design information systems using appropriate development tools.	16		7
Develop the skills to design, deploy, and administer networks and communication systems.	9		
Plan the selection and acquisition of information technologies.	4 5		
Develop the technical and interpersonal skills and knowledge to support the user community.			4
Design and implement risk management policies and procedures for information technology.	13		
Describe, analyze, develop, and follow policies for managing privacy and ethical issues in organizations and in a technology-based society.	3		
Describe positions and career paths in information technology.	1	1	

Career Development

Assess personal skills, abilities, and aptitudes and personal strengths and weaknesses as they relate to career exploration and development.	1	1	
Utilize career resources to develop a career information database that includes international career opportunities.	1		
Relate the importance of workplace expectations to career development.	1	1	
Develop strategies to make an effective transition from school to career.	1		
Relate the importance of lifelong learning to career success.	1		

Communication

Use technology to enhance the effectiveness of communication.			4
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Business Law

Explain how advances in computer technology impact such areas as property law, contract law, criminal law, and international law.	3		
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Computation	CMW	BP	IP
Apply basic mathematical operations to solve problems.	16 20	6	6
Solve problems involving whole numbers, decimals, fractions, percents, ratios, averages, and proportions.		6	6
Use algebraic operations to solve problems.	16	6	6
Use common international standards of measurement in solving problems.	16		
Use mathematical procedures to analyze and solve business problems.	18	6	6

Economics and Personal Finance			
Explain the importance of productivity and analyze how specialization, division of labor, investment in human and physical capital, and technological change affect productivity.	2	13	