



Computer Programming Degree (CP23)- 66 Credit Hours

Program Description:

The Computer Programming associate degree program consists of courses designed to provide students with an understanding of the concepts, principles, and techniques required in writing computer software. Those interested in a Computer Programming Associate of Applied Technology degree should be highly motivated individuals who are interested in becoming an Information Technology professional. Program graduates are to be competent in the general areas of English/humanities/fine arts, social/behavioral sciences, natural sciences/mathematics, as well as in the technical areas of SQL, XHTML, systems analysis and design, database management, networking concepts, and the programming languages PHP, Visual BASIC, Java, C++, and JavaScript. Graduates may find employment as entry-level computer programmers. Starting salaries are approximately \$42,000 per year.

Contact:

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 770-836-6624
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Website:

<https://www.westgatech.edu/program-explorer/systems-information-management/computer-programming/>

Pre-Degree Requirements					
Program Specific					
<ul style="list-style-type: none"> Min GPA 2.0 Courses may rotate among following locations: Carroll, Coweta, Douglas, Lagrange and online 					
Set the Track, Start the Track, Stay on Track					
<p style="text-align: center;"><i>Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer</i></p> <p style="text-align: center;">***Accreditation Council for Business Schools and Programs (ACBSP) offers accreditation services to business programs focused on teaching and learning. ACBSPs evaluate and determine whether the business schools and programs meet applicable and recognized standards.</p>					
✓	Grade	Semester 1	S	CR	Notes & Milestones
		ENGL 1101 Composition and Rhetoric	ALL	3	Program Admission
		MATH 1111 College Algebra	ALL	3	Program Admission
		CIST 1001 Computer Concept	ALL	4	
		CISM 2201 Foundations of Computer Applications	ALL	3	
				13	Program Semester Hours
✓	Grade	Semester 2	S	CR	Notes & Milestones
		ACCT 1100 Financial Accounting -OR- BUSN 1300 Intro to Business -OR- MGMT 1120 Intro to Business	ALL	4 3 3	Program Admission
		CIST 1305 Program Design and Development	ALL	3	
		CIST 1130 Operating Systems Concepts	ALL	3	
		Additional 3 hours from Area I, II, III or IV	ALL	3	List of Area I, II, III and IV courses
				12	Program Semester Hours

✓	Grade	Semester 3	S	CR	Notes & Milestones
		CIST 2742 Beginning Python Programming	SU	4	
		Area II: Choose One	ALL	3	List of AREA II Courses¹
				7	Program Semester Hours
✓	Grade	Semester 4	S	CR	Notes and Milestones
		CIST 2341 C# Programming I	FA	4	Prerequisite: CIST 1305
		CIST 2371 Java Programming I	FA	4	
		CIST 1510 Web Development I	FA	3	
		Area IV: Choose One: ARTS 1101 Art Appreciation or MUSC 1101 Music Appreciation or THEA 1101 Theater Appreciation or HUMN 1101 Introduction to Humanities or ENGL 2130 American Literature or ENGL 2310 English Literature	ALL ALL FALL ALL ALL SP	3 3 3 3 3 3	Program Admission Program Admission Program Admission ENGL 1101 with a grade of C or better ENGL 1101 with a grade of C or better ENGL 1101 with a grade of C or better
				14	Program Semester Hours
✓	Grade	Semester 5			Notes and Milestones
		CIST 1220 Structured Query Language	FA SP	4	
		CIST 2120 Supporting Application Software	FA SP	4	Prerequisite: CISM 2201
		CIST 2342 C# Programming II	SP	4	
		CIST 2921 IT Analysis Design & Project Management	FA SP	4	
				16	Program Semester Hours
✓	Grade	Semester 6			Notes and Milestones
		CIST 2372 Java Programming II	SU	4	Prerequisite: CIST 2371
				4	Program Semester Hours
Always check online https://www.westgatech.edu/ and meet with your Advising or Faculty Coach to ensure you are viewing the latest and most accurate information.					

Note: If a course is full or unavailable when you to attempt to register, please select an available course from any term listed, given you have satisfied the required pre-requisite.

Credits for CIST or CISM courses are awarded only for courses that have been completed within the last seven years. Any courses completed over seven years ago may be recommended by the program chair and approved by the Dean of the School of Business/Public Services if the student presents recent, documented, in-field experience or current software certification.

Employment Opportunities: <https://www.westgatech.edu/student-life/career-services/>

Articulation Agreements: <https://www.westgatech.edu/admissions/registrars-office/articulation-agreements/>

Financial Aid by Program: <https://www.westgatech.edu/wp-content/uploads/2019/02/WGTC-Available-Aid-By-Program-11-17-2023.pdf>

***Accreditation Council for Business Schools and Programs is student-centered. It measures and analyzes Schools of Business and Programs for quality, ensuring students gain the right skills from their educational investment. Institutions with programs accredited by ACBSP are committed to continuous improvement that provides their business program will give students the skills employers want. ACBSP accreditation provides better marketability for students, giving them a competitive advantage in the hiring process.

As set forth in its student catalog, West Georgia Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member, or citizenship status (except

¹ <https://westgatech.smartcatalogiq.com/en/2023-2024/student-catalog/academic-programs/associate-degrees/>

in those special circumstances permitted or mandated by law). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Equity (Title IX) Coordinator, Dean of Students, 770.537.5722, 176 Murphy Campus Blvd., Waco, GA 30182. ADA (Section 504) Coordinator for Students: Career and Student Support Services Manager, 770.824.5245, 176 Murphy Campus Blvd., Waco, GA 30182, for Employees: Human Resources Manager, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182.