



Cybersecurity Degree (IS23)- 72 Credit Hours

Program Description:

The Cybersecurity associate degree program is a sequence of courses designed to provide students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the general areas of humanities or fine arts, social or behavioral sciences, and natural sciences or mathematics, as well as in the technical areas of computer terminology and concepts, program design and development, and computer networking. Program graduates are qualified for employment as cybersecurity specialists. Graduates may find entry-level employment as cybersecurity specialists working with networking systems, telecommunications, cryptography, security system design, or risk assessment and contingency planning. Starting salaries are approximately \$43,000 per year.

Contact:

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Website:

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

| 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 Concepts | ALL | 4 | |
| | | CISM 2201 Foundations of Computer Applications | ALL | 3 | |
| | | | | 13 | Program Semester Hours |
| ✓ | Grade | Semester 2 | S | CR | Notes & Milestones |
| | | CIST 1122 Hardware Installation and Maintenance | FA SP | 4 | |
| | | CIST 1401 Computer Networking Fundamentals | FA SP | 4 | |
| | | CIST 1601 Information Security Fundamentals | ALL | 3 | |
| | | Additional 3 hours from Area I, II, III or IV | ALL | 3 | List of Area I, II, III and IV courses |
| | | | | 14 | Program Semester Hours |

| ✓ | Grade | Semester 3 | S | CR | Notes & Milestones |
|--|-------|---|-------|-----------|---|
| | | CIST 1602 Security Policies & Procedures | SU | 3 | |
| | | CIST 2431 UNIX/Linux Introduction | SU | 4 | |
| | | CIST 2601 Imp Operating System Security | SU | 4 | Prerequisites: CIST 1401 and CIST 1601 |
| | | Area II: Choose One | ALL | 3 | List of AREA II Courses¹ |
| | | | | 14 | Program Semester Hours |
| ✓ | Grade | Semester 4 | S | CR | Notes and Milestones |
| | | CIST 2411 Microsoft Client | FA SP | 4 | |
| | | CIST 2611 Network Defense and Countermeasures | FA | 4 | Prerequisites: CIST 1401 and CIST 1601 |
| | | CIST 2613 Ethical Hacking and Penetration Testing | FA | 4 | Prerequisite: CIST 1601 |
| | | Area IV: Choose One: | | | |
| | | ARTS 1101 Art Appreciation or | ALL | 3 | Program Admission |
| | | MUSC 1101 Music Appreciation or | ALL | 3 | Program Admission |
| | | THEA 1101 Theater Appreciation or | FALL | 3 | Program Admission |
| | | HUMN 1101 Introduction to Humanities | ALL | 3 | ENGL 1101 with a grade of C or better |
| | | or | | | |
| | | ENGL 2130 American Literature or | ALL | 3 | ENGL 1101 with a grade of C or better |
| | | ENGL 2310 English Literature | SP | 3 | ENGL 1101 with a grade of C or better |
| | | | | 15 | Program Semester Hours |
| ✓ | Grade | Semester 5 | | | Notes and Milestones |
| | | CIST 2612 Computer Forensics | SP | 4 | Prerequisites: CIST 1122 and CIST 1601 |
| | | CIST 2602 Network Security | SP | 4 | Prerequisites: CIST 1401 and CIST 1601 |
| | | CIST 2413 Microsoft Server Networking | FA SP | 4 | |
| | | CIST 2414 Windows Server Identify Services | FA SP | 4 | |
| | | | | 16 | 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 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.

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