

School of Business and Public Services

Cybersecurity Degree IS23—72 Credit Hours

Program Chair: gary.perry@westgatech.edu

Courses may rotate among the following locations: LaGrange and Online

| Complete | General Education Course Number (credits) | Course Name | Prerequisite | Notes |
|--------------------------|--|---|--|-------|
| <input type="checkbox"/> | <p>**Learning Support Courses (refer to Admissions evaluation). Examples include: ENGL 0998, ENGL 0996/1101, MATH 0090 and MATH 0999/1111. Not available online; courses must be completed on campus if student is provisional and not regular status.</p> <p><i>These courses are not calculated into students' institutional GPA. Learning support courses are individually assigned based on admissions testing results and program requirements. 0096 courses must be completed with the Adult Education department before starting college program—contact Admissions for questions regarding evaluations.</i></p> | | | |
| <input type="checkbox"/> | Area I: **ENGL 1101 (3) | Composition and Rhetoric | Appropriate Degree Level Writing (English) and Reading Placement Test Scores | |
| <input type="checkbox"/> | Area II: (3) | Choose One | See Catalog | |
| <input type="checkbox"/> | Area III: (3) **MATH 1111 (3) –OR– MATH 1101 (3) -OR- MATH 1103 (3) | College Algebra -OR- Mathematical Modeling -OR- Quantitative Skills | Degree program admission level algebra competency | |
| <input type="checkbox"/> | Area IV (3) Choose One: ARTS 1101 MUSC 1101 THEA 1101 HUMN 1101 ENGL 2110 ENGL 2130 ENGL 2310 | Choose One: Art Appreciation Music Appreciation Theater Appreciation Introduction to Humanities World Literature American Literature English Literature | Appropriate Degree Level Writing (English) and Reading Placement Test Scores ENGL 1101 ENGL 1101 and ENGL 1102 ENGL 1101 and ENGL 1102 ENGL 1101 and ENGL 1102 | |
| <input type="checkbox"/> | Additional 3 hours from Area I, II, III or IV (3) | Choose One | See Catalog | |

****First term suggestion:** All assigned learning support and/or—ENGL 1101, MATH 1111, CISM 2201, and CIST 1001

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| <input type="checkbox"/> | **CISM 2201 (3) | Foundations of Computer Applications | None | |
| <input type="checkbox"/> | **CIST 1001 (4) | Computer Concepts | None | |
| <input type="checkbox"/> | CIST 1122 (4) | Hardware Installation and Maintenance | Regular status (all learning support complete or no learning support required) | |
| <input type="checkbox"/> | CIST 1401 (4) | Computer Networking Fundamentals | Regular status (all learning support complete or no learning support required) | |
| <input type="checkbox"/> | CIST 1601 (3) | Information Security Fundamentals | None | |
| <input type="checkbox"/> | CIST 1602 (3) | Security Policies and Procedures | None | |
| <input type="checkbox"/> | CIST 2601 (4) | Implementing Operating Systems Security | CIST 1401 and CIST 1601 | |
| <input type="checkbox"/> | CIST 2602 (4) | Network Security | CIST 1401 and CIST 1601 | |
| <input type="checkbox"/> | CIST 2611 (4) | Network Defense and Countermeasures | CIST 1401 and CIST 1601 | |
| <input type="checkbox"/> | CIST 2612 (4) | Computer Forensics | CIST 1122 and CIST 1601 | |
| <input type="checkbox"/> | CIST 2613 (4) | Ethical Hacking and Penetration Testing | CIST 1601 | |

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| Done | Occupational Elective Course Number (credits) | Course Name | Prerequisite | Notes |
|--------------------------|--|---------------------------------|--|-------|
| <input type="checkbox"/> | CIST 2411 (4) | Microsoft Client | Regular status (all learning support complete or no learning support required) | |
| <input type="checkbox"/> | CIST 2413 (4) | Microsoft Server Infrastructure | Regular status (all learning support complete or no learning support required) | |
| <input type="checkbox"/> | CIST 2414 (4) | Microsoft Server Administrator | Regular status (all learning support complete or no learning support required) | |
| <input type="checkbox"/> | CIST 2431 (4) | UNIX/LINUX Introduction | Regular status (all learning support complete or no learning support required) | |

Credits for CIST 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.

This program is eligible for Federal Aid including Pell Grant and federal student loans and may be eligible for Institutional and State Financial Aid. Contact the Financial Aid office for eligibility requirements and application materials.

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, gender, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, or citizenship status (except in those special circumstances permitted or mandated by law).