

# TECHNICAL SCHOLARS PROGRAM CYBERSECURITY

South Carolina's cybersecurity sector has grown 134% over the past five years, well above the national growth rate of 91%. More than 2,300 cybersecurity jobs are unfilled statewide. New hires in the sector must enter organizations with the capacity to function in an increasingly complex information technology environment that requires even greater technical ability, flexibility, and response times.

The Technical Scholars Cybersecurity dual enrollment program is designed to provide theory and hands-on experience in Cybersecurity, preparing the students for employment in a fast-growing field. The program will provide the skills needed to recognize security attacks, block those attacks, and forensically acquire information from seized hardware in a state-of-the-art classroom.

**The successful student will be prepared to sit for various certification exams, including but not limited to:**

- CompTIA Security+
- CompTIA Network+

## ADVANTAGES OF THE TECHNICAL SCHOLARS PROGRAM

- Earn credits that apply to both high school and college graduation requirements.
- Ability to obtain national certification to assist with job placement opportunities upon graduation.
- Meet the local demands of industry.

## ADMISSIONS CRITERIA

- Students should contact their high school counselor to obtain the Technical Scholars Application.
- Must be able to complete their high school graduation requirements within the parameters of the program.
- Meet admissions requirements through HGTC.
- Incomplete applications will not be accepted.

### Multiple Measures Placement Criteria

MAT 110 & 120	Algebra I, Algebra II & Geometry = B Average
ENG 101	English I, II & III = B Average Below a B = Take the writing diagnostic.

## PROGRAM OUTLINE

### Fall Semester – Junior Year

IST 201 Cisco Internetworking Concepts  
IST 266 Internet & Firewall Security

### Spring Semester – Junior Year

IST 202 Cisco Router Configuration  
IST 293 IT and Data Assurance I

### Fall Semester – Senior Year

CPT 282 Information Systems Security  
CPT 168 Programming & Logic Design

### Spring Semester – Senior Year

IST 268 Computer Forensics  
IST 215 Health Information Networking

### Summer Semester – After High School Graduation

To successfully earn the Cybersecurity Certificate, students will need to complete the below 4 courses upon graduation. These courses are strictly available for college credit only. All fees associated are the responsibility of the student due to this taking place after graduation. Students can also continue at HGTC to complete the Associate in Applied Science Cybersecurity degree.

IST 294 IT Data Assurance II  
IST 269 Digital Forensics  
CPT 208 Special Topics in Computer Technology  
MAT \*\*\* College-Level Math Elective

\*Students will complete a background check prior to starting the summer semester.



## CONTACTS

### Horry County Schools

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For more information, visit [hgtc.edu/techscholars](http://hgtc.edu/techscholars) and [hgtc.edu/cyber](http://hgtc.edu/cyber).

