# COMPUTER INFORMATION TECHNOLOGY/ CYBERSECURITY

The following curriculum meets the requirement for a Certificate of Achievement in Computer Information Technology/Cybersecurity. The courses needed for the certificate are designed for those wishing to pursue a career in cybersecurity.

To acquire the **Certificate of Achievement in Computer Information Technology/Cybersecurity**, it is necessary to complete the following courses:

| Required Courses | Units | N | IP | C |
|---|---|---|---|---|
| **Required Courses:** | | | | |
| **CIT 101** Introduction to Computer Information Technology | 3 | | | |
| **CIT 127** *Python Programming I | 3 | | | |
| **CIT 180** *PC Maintenance- A+ Certification | 4 | | | |
| **Select one course from the following:** | | | | |
| **CIT 171** *Network + | 3 | | | |
| **CIT 210** *Cisco Networking I | 3 | | | |
| **Select two courses from the following:** | | | | |
| **CIT 170** *Server + | 3 | | | |
| **CIT 192** *Security + | 3 | | | |
| **CIT 200** *Systems Analysis and Design | 3 | | | |
| **CIT 214** *Cisco Networking II | 3 | | | |
| **CIT 221** *Ethical Hacking | 3 | | | |
| **MGMT 208** *Business Communications | 3 | | | |
| **Select one course from the following:** | | | | |
| **PSY 190** *Statistics for the Behavioral Sciences | 4 | | | |
| **MATH 130/H** *Statistics/Honors | 4 | | | |
| **MATH 170** *Elements of Calculus | 4 | | | |
| **MATH 190/H** *Calculus I/Honors | 4 | | | |
| | | | | |
| **Total units needed for the Certificate of Achievement** | 23 | | | |
| Units Completed | | | | |
| *Prerequisite/Corequisite | | | | |