The courses offered to obtain this certificate will give the students the basic skills needed to set up a secure computer network. The courses provide an overview of the entire field of Network Security. Topics covered will include Cisco Security, Windows security, Linux security, Firewalls, intruder Detection systems, Security policies and procedures, email and Web security, and Windows Operating System security.

| **REQUIRED COURSES** | **Units** |
| --- | --- |
| CST C230 Security Essentials | 3.0 |
| CST C232 Ethical Hacking | 3.0 |
| *Select from Program Elective below*: | 4.5 |
| **Total Certificate Units** | **10.5** |

| **PROGRAM ELECTIVES** | **Units** |
| --- | --- |
| BC C160 Introduction to Geographic Information Systems (GIS) | 3.0 |
| CST C237 Cisco ASA and Network Security | 1.5 |
| CST C238 Intrusion Detection Systems | 1.5 |
| CST C240 Firewall and Access Control Lists | 3.0 |
| CST C244 Computer Forensics | 1.5 |
| CST C245 Exploring Computer Forensics | 3.0 |
| CST C248 Certified Wireless Network Administrator | 3.0 |
| CST C252 Cisco Security Virtual Private Networks (VPNs) | 1.5 |
| CST C253 Cisco ASA, PIX, and Network Security | 3.0 |
| CST C254 Cisco IPS/CCSP | 3.0 |
| CST C258 Linux Networking and Security | 3.0 |
| CST C259 Advanced Linux Security | 3.0 |
| CST C260 Cert Info Sys Security Professional (CISSP) | 1.5 |
| CST C271 Become a Security Consultant | 1.5 |