

CYBER SECURITY - CERTIFICATE OF ACHIEVEMENT

Plan Code: 3106

Students will learn the skills to investigate cyber-attacks or stop them before they even begin.

Program Student Learning Outcomes

- Demonstrate the ability to install, configure, manage and troubleshoot a small office or home office network (wired or wireless).
- Demonstrate the ability to secure wired and wireless networks.
- Demonstrate the ability to install, configure and manage client and server operating systems.
- Demonstrate the ability to harden servers against intrusion.

Program Requirements

| Code Number | Course Title | Units |
|-------------------------|--------------------------------------|-----------|
| REQUIRED COURSES | | |
| COSN 5 | Computer Hardware Fundamentals | 4 |
| COSN 10 | Networking Fundamentals | 3 |
| COSS 71 | Network Security Fundamentals | 3 |
| COSS 272 | Computer Forensics and Investigation | 3 |
| COSS 273 | Ethical Hacking and Countermeasures | 4 |
| Total Units | | 17 |