Network and Information System Security
Certificate of Achievement

Major Code: 0708.10
Total Units: 16 units

This program is intended to help students develop skills to administer industry standards network and information system with security emphasis. The courses examine and illustrate network security with industry leading network operating system. This program is also designed to help students prepare to complete CompTIA security+ certification exam.

A+: CIS 213+ CIS 212
Linux+: CIS 113+ CIS 115
Network+: CIS 212+ CIS 214
Security+: CIS 211+ CIS 215
CISCO CCNA: CIS 229+ CIS 230

Microsoft network: CIS 227+ CIS 217+ CIS 218
VMware: CIS 23+ CIS 232+ CIS 233+CS977
Palo Alto network: CIS 236
Apple admin: CIS 110
AWS: CIS 192+ CIS 193+ CIS 194+ CIS 195

Semester 1:

		Units
CIS 214	Intro to Computer Network	3
CIS 211	Security+ Preparation	3

Semester 2:

Course		Units
CIS 215	Network Security Fundamental	3
Electives*		7
Total Certificate Units		**16**

*Electives:
Choose an additional 7 units from the following courses
CIS 185	**(Direct Study- Computer Science - Information Technology)**
CIS 285	**(Direct Study- Computer Science - Information Technology)**
CIS 212	**(A+ Hardware)**
CIS 213	**(A+ Software)**
CIS 166	**(Computer Forensic)**
CIS 113	**(Intermediate Linux +)**
CIS 110	**(Apple Administration)**
CIS 115	**(Advance Linux Operating System)**
CIS 231	**(Virtualization and Cloud Computing)**
CIS 232	**(Information Storage and Management for Computer Network)**
CIS 233	**(VSphere Install, Configure, and Management)**
CIS 235	**(VMware vSphere)**
CIS 217	**(Microsoft Network Infrastructure Administrator)**
CIS 218	**(Introduction to Windows Active Directory)**
CIS 236	**(Palo Alto Network Cybersecurity Essential)**
CIS 237	**(Installing, Configuring and Administrating Microsoft SQL)**
CIS 300	**(Computer Laboratory)**

//// OCT 12, 2019