

# 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 112+CIS 113  
**Network+:** CIS 212+ CIS 214  
**Security+:** CIS 211+ CIS 215  
**CISCO:** CIS 229+ 230+225

**Microsoft network:** CIS 227  
**Palo Alto network:** CIS 236  
**Apple admin:** CIS 110  
**AWS:** CIS 192+ CIS 193+ CIS 194+ CIS 195

## Semester 1:

		Units
<b>CIS 214</b>	Intro to Computer Network	3
<b>CIS 211</b>	Security+ Preparation	3

## Semester 2:

Course		Units
<b>CIS 215</b>	Network Security Fundamental	3
Electives*		7
<b>Total Certificate Units</b>		<b>16</b>

\*Electives:

### Choose 3 courses from the following courses

<b>CIS 101</b>	<b>Intro to Computers and Their uses</b>
<b>CIS 212</b>	<b>A+ Hardware</b>
<b>CIS 213</b>	<b>A+ Software</b>
<b>CIS 166</b>	<b>Computer Forensic</b>
<b>CIS 112+113</b>	<b>Linux +</b>
<b>CIS 110</b>	<b>Apple Administration</b>
<b>CIS 236</b>	<b>Palo Alto Network Cybersecurity Essential</b>
<b>CIS 237</b>	<b>Installing, Configuring and Administrating Microsoft SQL</b>
<b>CIS225</b>	<b>Enterprise Networking, Security and Automation</b>
<b>CIS192</b>	<b>Intro to Cloud Computing</b>