

Computer Network Management Certificate of Achievement

Major Code: 0708.10
Total Units: 17 units

Microsoft and Cisco network training at WLAC prepare students to pass Microsoft and Cisco certification exams. These industry-demand certifications are important to those who wish to pursue a career working with Microsoft and CISCO network. This program helps students build core foundation for Microsoft domain network and learn Cisco router configuration techniques.

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:

Course		Units
CIS 229	Intro to Cisco Network	3
CIS 227	Intro to Microsoft Server	3
Total Units		6

Semester 2:

Course		Units
CIS 230	Intro to Cisco Router	3
Electives*		8
Total Units		11
Total Certificate Units		17

*Electives:

Choose an additional 8 units from the following courses

CIS 185	(Direct Study- Computer Science - Information Technology)
CIS 285	(Direct Study- Computer Science - Information Technology)
CIS 212	(Intro to Computer Hardware)
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	(VSpere 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)