



ExplorNet's Computer Science Integration II

This framework is designed to prepare students for the CompTIA's A+ 220-1001 and MTA Networking Fundamentals 98-366. (Recommended hours of instruction: 60-90)

CompTIA A+ 220-1001	CompTIA A+ 220-1002	MTA 98-366	Unit Titles/Competency and Objective Statements (The learner will be able to:)		Course Weight	RBT
Total Course Weight					100%	
MOBILITY AND CLOUD COMPUTING					50%	
			201	Understand mobile devices	42%	B2
			201.01	Explain the basic features of mobile operating systems.	2%	
1.1-3			201.02	Explain hardware and display components for laptop configuration.	2%	
1.1-2, 1.4-5			201.03	Compare and contrast hardware differences in tablets and laptops.	4%	
	2.8		201.04	Compare and contrast methods for securing mobile devices.	10%	
1.6			201.05	Establish basic network connectivity and configure email.	10%	
1.7			201.06	Execute and configure mobile device and cloud synchronization.	4%	
5.5	3.4-5		201.07	Apply a troubleshooting theory to resolve common issues with mobile devices	10%	
			202	Understand cloud services	8%	B2
4.1			202.01	Classify types of cloud services.	4%	
			202.02	Compare and contrast various cloud service products.	4%	
NETWORKING					50%	
			203	Understand networking fundamentals	19%	B2
2.7		1.1-3, 1.5	203.01	Classify various types of networks.	2%	
2.7		1.2-3	203.02	Compare and contrast various types of networks, connection types and features.	2%	
2.2		2.1-3	203.03	Compare and contrast network devices, their functions and features.	6%	
		2.3	203.04	Differentiate among various types of network cables and connectors.	3%	
2.1, 2.4, 2.6		3.1-6	203.05	Explain network protocols and services.	3%	
2.4		1.4	203.06	Compare and contrast wireless networking protocols.	3%	
			204	Install and configure networks	31%	C3
2.8			204.01	Use appropriate tools for network cabling and connections.	8%	
2.3			204.02	Install, configure, and deploy a SOHO wireless/wired router using appropriate settings.	15%	
5.7			204.03	Resolve common problems with wired and wireless networks.	8%	