

All levels SLOs achievement during CCC Spring 2012

SLO Achievement

SLO Text	SLO Level	Course Number	Fully Achieved	Partially Achieved	Failed to Achieve
Given specific topics to discuss, student will be able to explain concepts and terminology used by Network Administrators.	C	CST-C115	100.00 %	0.00 %	0.00 %
Given a description of certain networking tasks that need to be done on a periodic basis without human intervention, students will write scripts using windows operating system to automate the process of performing those tasks.	C	CST-C115	90.91 %	9.09 %	0.00 %
Given salient parameters for a Network Operating System, student will be able to create batch files using DOS that will allow the tasks to be performed automatically at a specified day and time.	C	CST-C115	90.91 %	9.09 %	0.00 %
Student will be able to explain concepts and terminology associated with topics associated with the A+ Essentials course materials.	C	CST-C116	71.43 %	14.29 %	14.29 %
Given a working PC, students will be able to disassemble the PC to its component parts, reassemble the PC, troubleshoot problems, and return the PC to its original working state.	C	CST-C116	78.57 %	10.71 %	10.71 %
Explain concepts and terminology associated with computer hardware and Linux.	C	CST-C191	N/A	N/A	N/A
Install, configure, manage, operate a Linux server system.	C	CST-C191	N/A	N/A	N/A
Display proficiency with various scripting, command line, and help tools.	C	CST-C191	N/A	N/A	N/A
Explain concepts and terminology associated with the OSI Model and with planning and cabling networks.	C	CST-C201	0.00 %	0.00 %	100.00 %
Display proficiency with various network analysis tools.	C	CST-C201	0.00 %	0.00 %	100.00 %
Build various types of cables and use them to configure and test a small network.	C	CST-C201	57.14 %	0.00 %	42.86 %
Model and analyze routing processes and protocols.	C	CST-C202	82.35 %	0.00 %	17.65 %
Explain concepts and terminology associated with various routing protocols.	C	CST-C202	47.06 %	23.53 %	29.41 %
Given a network topology and certain protocols, configure routers into a working network.	C	CST-C202	82.35 %	0.00 %	17.65 %
Explain concepts and terminology associated with LAN Switch operation.	C	CST-C203	0.00 %	0.00 %	100.00 %
Given a Network Topology, design and configure LAN switched network.	C	CST-C203	57.58 %	0.00 %	42.42 %
Explain concepts and terminology associated with WAN technologies.	C	CST-C204	0.00 %	3.13 %	96.88 %
Given a WAN Topology configure a network using various WAN protocols and technologies.	C	CST-C204	59.38 %	25.00 %	15.63 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C116	82.14 %	7.14 %	10.71 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C128	57.14 %	3.57 %	39.29 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C191	66.67 %	6.67 %	26.67 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C201	48.57 %	8.57 %	42.86 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C202	88.24 %	5.88 %	5.88 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C203	87.88 %	0.00 %	12.12 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C204	93.75 %	3.13 %	3.13 %
Demonstrate ability to apply critical thinking and analysis.	I	CST-C230	65.63 %	9.38 %	25.00 %
Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C116	89.29 %	0.00 %	10.71 %
Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C128	25.00 %	10.71 %	64.29 %

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Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C191	40.00 %	26.67 %	33.33 %
Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C201	42.86 %	8.57 %	48.57 %
Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C202	88.24 %	5.88 %	5.88 %
Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C203	75.76 %	0.00 %	24.24 %
Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C204	81.25 %	0.00 %	18.75 %
Demonstrate innovative thinking, and adaptive, creative problem solving skills.	I	CST-C230	68.75 %	6.25 %	25.00 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C116	89.29 %	0.00 %	10.71 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C128	35.71 %	7.14 %	57.14 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C191	46.67 %	26.67 %	26.67 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C201	45.71 %	5.71 %	48.57 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C202	94.12 %	0.00 %	5.88 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C203	84.85 %	0.00 %	15.15 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C204	87.50 %	3.13 %	9.38 %
Demonstrate proficiency with various software packages to solve common networking problems using theories learned in the classroom to design and implement a workable solution.	P	CST-C230	65.63 %	6.25 %	28.13 %
Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C116	89.29 %	0.00 %	10.71 %
Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C128	46.43 %	0.00 %	53.57 %
Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C191	53.33 %	20.00 %	26.67 %
Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C201	45.71 %	5.71 %	48.57 %
Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C202	88.24 %	5.88 %	5.88 %
Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C203	75.76 %	0.00 %	24.24 %

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Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C204	81.25 %	0.00 %	18.75 %
Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.	P	CST-C230	65.63 %	6.25 %	28.13 %
Students will be able to build and maintain secure networks.	P	CST-C116	89.29 %	0.00 %	10.71 %
Students will be able to build and maintain secure networks.	P	CST-C128	35.71 %	10.71 %	53.57 %
Students will be able to build and maintain secure networks.	P	CST-C191	47.06 %	11.76 %	41.18 %
Students will be able to build and maintain secure networks.	P	CST-C201	40.00 %	2.86 %	57.14 %
Students will be able to build and maintain secure networks.	P	CST-C202	88.24 %	5.88 %	5.88 %
Students will be able to build and maintain secure networks.	P	CST-C203	84.85 %	0.00 %	15.15 %
Students will be able to build and maintain secure networks.	P	CST-C204	87.50 %	3.13 %	9.38 %
Demonstrate a knowledge and understanding of the fundamental terminology and theory associated with Network Security.	C	CST-C230	53.13 %	18.75 %	28.13 %
Install, configure, and fine tune various tools used in the field of Network Security.	C	CST-C230	56.25 %	6.25 %	37.50 %
Given a Scenario, Diagram Appropriate Network Topologies	C	CST-C128	32.14 %	21.43 %	46.43 %
Design and Configure IP Addressing for a Simple Network Topology	C	CST-C128	53.57 %	0.00 %	46.43 %
Design and Configure a Simple Network Security Plan	C	CST-C128	21.43 %	14.29 %	64.29 %