



Cisco Certification Preparation Level I Certificate

Career and Technical Education Degrees and Certificates

#1	<p>Cisco Certification Preparation Level 1 Certificate Student Learning Outcome</p> <p>Demonstrate technical job-performance and workplace skills.</p> <p><u>ITCC 1404 - Cisco Exploration 2 - Routing Protocols and Concepts</u> Configure and verify simple LAN topologies, including cabling, IP subnetting, and basic RIPv1, RIPv2, single-area OSPF, and EIGRP routing protocols.</p>
	<p>Courses in the certificate plan that address this outcome</p> <p>ITCC 1404</p>
	<p>Assessment Measure for this Outcome</p> <p>Concept- and hands-on skill performance assessments will be used to appropriately assess the total set of knowledge, skills, and abilities of the students.</p>
	<p>Achievement Target for this Measure</p> <p>70 % of assessed students will have a passing grade on the concept- and hands-on skill performance assessments in ITCC 1404 - Cisco Exploration 2 - Routing Protocols and Concepts.</p>
	<p>Findings</p>
	<p>Related Action Plans</p> <ul style="list-style-type: none">• Create rubrics to assess the hands-on skill performance assessments and test blue prints for the concept assessments in this course.• Offer an on-campus class to accommodate students unable to travel to remote site (Kelly ATC)• Expand seating capacity beyond current fourteen (14) to twenty (20)

#2	<p>Cisco Certification Preparation Level 1 Certificate Student Learning Outcome</p> <p>Demonstrate technical job-performance and workplace skills.</p> <p><u>ITCC 2408 - Cisco Exploration 3 - LAN Switching and Wireless</u> Identify and correct common network problems, and configure, verify, and troubleshoot wired- and wireless networks and switch configurations including VLANs, VLAN Trunking, Inter-VLAN routing, VTP, RSTP, and security.</p>
	<p>Courses in the certificate plan that address this outcome</p> <p>ITCC 2408</p>
	<p>Assessment Measure for this Outcome</p> <p>Concept- and hands-on skill performance assessments will be used to appropriately assess the total set</p>



	of knowledge, skills, and abilities of the students.
	Achievement Target for this Measure 70 % of assessed students will have a passing grade on the concept- and hands-on skill performance assessments in ITCC 2408 - Cisco Exploration 3 - LAN Switching and Wireless.
	Findings
	Related Action Plans <ul style="list-style-type: none">• Create rubrics to assess the hands-on skill performance assessments and test blue prints for the concept assessments in this course.• Offer an on-campus class to accommodate students unable to travel to remote site (Kelly ATC)

#3	Cisco Certification Preparation Level 1 Certificate Student Learning Outcome Demonstrate technical job-performance and workplace skills. <u>ITCC 2410 - Cisco Exploration 4 - Accessing the WAN</u> Configure and implement networks, to include basic WAN serial connection, PPP and Frame Relay, NAT, DHCP, DNS, VLANs, and router and switch security.
	Courses in the certificate plan that address this outcome ITCC 2410
	Assessment Measure for this Outcome Concept- and hands-on skill performance assessments will be used to appropriately assess the total set of knowledge, skills, and abilities of the students.
	Achievement Target for this Measure 70 % of assessed students will have a passing grade on the concept- and hands-on skill performance assessments in ITCC 2410 - Cisco Exploration 4 - Accessing the WAN.
	Findings
	Related Action Plans <ul style="list-style-type: none">• Create rubrics to assess the hands-on skill performance assessments and test blue prints for the concept assessments in this course.• Offer an on-campus class to accommodate students unable to travel to remote site (Kelly ATC)