

Cisco Internetworking Program Assessment Plan

Last Revised 9/25/2009

Catalog Description

The certificates of achievement differ from a traditional certificate program in that there is not an attempt to give the student a broad base of computer skills plus an emphasis in a particular specialized area. The achievement certificate is a shorter sequence of courses that focuses on one specific technical area. Therefore, this type of certificate may be more appropriate for working professionals seeking to add technical skills.

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Learning Outcome

Students will use critical thinking to apply the appropriate technical and theoretical skills required for CISCO Internetworking.

Benchmark	Assessment Method	Assessment Date
102.2A (CIS 1310) 80% of the students will use critical thinking to apply the technical and theoretical skills needed for computer information routing at $\geq 70\%$ competency following the CIS criteria.	Students performance on specific assignments/projects designed to develop the skills and knowledge needed for managing router configuration files; routed and routing protocols; RIP and IGRP routing protocols, etc.	12/1/2009
102.2B (CIS 1320) 80% of the students will use critical thinking to apply theoretical and technical skills for designing and switching LANs at $\geq 70\%$ following the CIS criteria.	Students performance on specific assignments/projects designed to develop the skills and knowledge needed for LAN designing and switching including: VLANs, LAN design, IGRP, access lists, IPX, LAN creation for a fictional business, etc.	4/1/2010
102.2C (CIS 1330) 80% of the students will use critical thinking to apply theoretical and technical skills for accessing WANs at $\geq 70\%$ following the CIS criteria.	Students performance on specific assignments/projects designed to develop the skills and knowledge needed for accessing WANs including: WAN design, PPP, ISDN, frame relay, creating a WAN for a fictional business, etc.	12/1/2009