NORTHWEST VISTA COLLEGE
ADVANCED CISCO NETWORKING TECHNOLOGIES
CERTIFICATE PROGRAM
2009-2010 Catalog

ALAMO COLLEGES
NORTHWEST VISTA COLLEGE

The Advanced Cisco Technologies Certificate training will prepare students to obtain their Cisco Certified Networking Associate (CCNA) certification. The training focuses on network concepts necessary to design and build a network infrastructure with an understanding of IP Address management, conservation of bandwidth, and security.   Laboratory classrooms provide the students with opportunities to build, configure, and troubleshoot network systems and connect to simulated local area, wide area, and wireless networks.   In addition to preparation for CCNA certification, this training program introduces the Cisco technologies used for network security practices and Voice over Internet Protocols.

Student: _____   Date: _____
         LAST NAME   FIRST NAME   MI

Student ID # (SSN): _____   Academic Advisor: _____

Semester I		Hours		Semester II		Hours
__ITCC 1401	Cisco Exploration 1 – Network Fundamentals	4		__ITCC 2408	Cisco Exploration 3 – LAN Switching & Wireless	4
__ITCC 1404	Cisco Exploration 2 – Routing Protocols and Concepts	4		__ITCC 2410	Cisco Exploration 4 – Accessing the WAN	4
	Total	8			Total	8

Semester III		Hours		Semester IV		Hours
__ITCC 1408	Introduction to Voice over Internet Protocol (VoIP)	4		__ITNW 2164	Practicum *(or Field Experience)*: Computer	1
__ITNW 1449	Cisco Fundamentals of Network Security	4			Systems Networking & Telecommunications	
__ITNW 1451	Fundamentals of Wireless LANs	4				
	Total	12			Total	1

NOTES: A course may be used only once to fulfill degree requirements.
          A grade of C or higher is required for all prerequisite and technical courses; while a grade of D or higher will satisfy NVC degree requirements for non-prerequisite courses.
           Most institutions require a grade of C or higher in order for a course to be considered for transfer.
          Check with the transfer institution to ensure that the courses taken at NVC will apply to the appropriate degree program.
          *Select courses from the Core Curriculum selection list when specific courses are not listed.

Transfer coursework is *unofficial* until all official transcripts are evaluated and posted.