NORTHWEST VISTA COLLEGE

INFORMATION SECURITY & ASSURANCE

ASSOCIATE OF APPLIED SCIENCE DEGREE PLAN

2009-2010 Catalog

ALAMO COLLEGES
NORTHWEST VISTA COLLEGE

The Information Security & Assurance program will introduce students to the nature, scope, and history of security services; essential elements of security; monitoring of networks; and identification of common attacks. Students will respond to incidents, coordinate and understand security policies, and implement security utilizing various operating systems. Technical competencies include the design, configuration, and implementation of networked systems.

The Associates of Applied Science degree is recommended for students who wish to eventually pursue a Baccalaureate degree or a management position in industry. The academic courses included in the A.A.S. degree will transfer on to Baccalaureate institutions and provide a broader training for industry.

Student: _____   Date: _____
LAST NAME   FIRST NAME   MI

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

Semester I

		HOURS
__CPMT 1305	IT Essentials I: PC Hardware and Software	3
__ECON 2301	Principles of Macroeconomics	3
__ENGL 1301	Composition I	3
__ITSC 1307	UNIX Operating System I	3
	Total	12

Semester II

		HOURS
__ITCC 1401	Cisco Exploration 1 – Network Fundamentals	4
__ITCC 1404	Cisco Exploration 2 – Routing Protocols and Concepts	4
__ITSY 1300	Fundamentals of Information Security	3
__PHIL 2306	Introduction to Ethics	3
	Total	14

Semester III

		HOURS
__ITCC 2408	Cisco Exploration 3 – LAN Switching and Wireless	4
__ITCC 2410	Cisco Exploration 4 – Accessing the WAN	4
__ITMT 1340	Managing & Maintaining a MS Win Server 2003 Environment	3
__MATH 1314	College Algebra	3
	Total	14

Semester IV

		HOURS
__ITNW 1451	Fundamentals of Wireless LANs	4
__ITSY 2300	Operating Systems Security	3
__ITSY 2341	Security Management Practices	3
__SPCH 1321	Business and Professional Communication	3
	Total	13

Semester V

		HOURS
__ITSY 2342	Incident Response and Handling	3
__ITSY 2343	Computer System Forensics	3
__ITNW 2164	Practicum *(or Field Experience)* – Computer Systems Networking & Telecommunications	1
	Total	7

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.