

Level	NVC Course	Prereqs	Outcomes	Aligned NISD Course	PEIMS	NISD Semester
Level 2	ITSC 1316 - Linux Installation & Config	None	1 Build simple LANs 2 Perform basic configuration on routers and switches 3 Implement IP addressing schemes	Cyber Internetworking I M #8544	N1302803	Fall (16 week)
	ITSC 2325 - Advanced Linux	None	1 Configure, secure, and maintain routers and switches. 2 Resolve common issues with routing protocols, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks 3 Configure WLANs.	Cyber Internetworking I M #8544		Spring (16 week)
Level 3	ITCC 1414 - CCNA 1 ***Teacher Cisco Certified as Instructor	None	1 Install, administer, and manage a Linux system. 2 Demonstrate proficiency with Linux utilities, commands, and applications. 3 Identify and resolve security-based issues. 4 Integrate a linux system into an existing network.	Cyber Internetworking II M #8548	N1302804	Fall (16 week)
	ITCC 1444 - CCNA 2	ITCC 1414 or concurrent enrollment	1 Install, adminster, and manage advance network environment using a Linux system. 2 Demonstrate advance skills and proficiency with Linus utilities, configurations, and deply secure networks. 3 Integrate Linux networks with existing networks.	Cyber Internetworking II M #8548		Spring (16 week)
Level 4	ITSY 1300 - Fundamentals of Info Sec	None	1 Outline best practices for the information security goals of confidentiality, integrity and availability. 2 Explain ethical practices. 3 Define vocabulary/terminology related to information security. 4 Explain the importance of planning and administrative controls. 5 Identify security threats, vulnerabilities, and countermeasures. 6 Identify procedures for security risk management.	Practicum in Information Technology Cyber M (2CR) #8725	13028000	Sem 1A (8 week)
	ITCC 2343 - Network Security ***Teacher certify on Palo Alto to teach (currently using Cisco-moving to Palo Alto)	None	Overall security processes with particular emphasis on hands-on skills in the following areas: security policy design and management security technologies products and solutions firewall and secure router design, installation, configuration, and maintenance AAQA and VPN implementation using routers and firewalls.	Practicum in Information Technology Cyber M (2CR) #8725		Sem 1B (8 week)
	ITSY 2442 - Incident Response & Handling **Web Based software (\$6000 per year)- College will check into this.	None	1 Identify sources of attacks. 2 Restore the system to normal operation. 3 Identify and prevent security threats. 4 Perform a postmortem analysis. 5 Identify computer investigation issues. 6 Identify the roles and responsibility of the incident response team.	Practicum in Information Technology Cyber M (2CR) #8725	13028000	Sem 2A (8 week)
	ITSY 2443 - Computer Systems Forensics	None	1 Identify computer investigation issues. 2 Identify legal issues associated with computer investigations. 3 Collect and document evidence. 4 Evaluate network traffic, and evaluate recovered remnant or residual data.	Practicum in Information Technology Cyber M (2CR) #8725		Sem 2B (8 week)