



EMPLOYABILITY PROFILE

Computer Forensics

Industry-Based Skill Standards

Proficiency Definitions

NA = Not Applicable

1 = Developing

2 = Basic

3 = Proficient

4 = Mastery

	9th	10th	11th	12th		9th	10th	11th	12th
History of Computer Forensics					Linux Operating System				
Understands the origin and development of computer forensics. Identify organizations responsible for completing computer forensics lab work.					Demonstrates an understanding how to navigate and modify settings in a Linux operating system. Understands the functions of Terminal.				
Report Writing					Security Tools				
Demonstrates an understanding the purpose of creating a solid report. Creates reports that are detailed oriented and are easy to follow.					Understands and demonstrates the use of several security tools when applied to network security. Such tools as Nmap and WireShark.				
Hard Drive Sanitation					Networking				
Demonstrate and understand the security purposes that relate to wiping a hard drive clear of all of its data. Understand the concept of how data sanitation relates to effective business practices					Demonstrates a basic understanding of how a network is made up and how packets are delivered over the internet.				
Safety					Computer Forensics Image				
Understands how electrostatic discharge can affect electronics and destroy a piece of evidence. Understand how to safely enter a crime scene.					Demonstrate how to create a forensically sound image of a hard drive. Understand how important hash values are when comparing a forensic image.				
Tools and Equipment					Write Blockers				
Identify the proper tools associated with taking apart and repairing a computer system and its peripherals.					Demonstrate and understand the purpose of a forensics write blocker. Apply skills in using hardware and software write blockers when working a forensics case.				
Computer Hardware and Peripherals					Forensics Tool Kit				
Understand all the components that make up a computer system. Be able to distinguish the difference between RAM and the hard drive. Troubleshoot a computer system when an issue arises.					Demonstrates an understanding how to use the basic versions of Forensics ToolKit Imager and Forensics Toolkit when viewing evidence from a hard drive.				
Computer Software					Recover Deleted Files				
Understands the difference between different computer software. Can explain the difference between opensource and proprietary software.					Demonstrate and understand how a hard drive writes data and deletes data. Demonstrate using various forensic tools to recovery deleted files from a computer system.				
Virtual Machines					Windows Operating System				
Understand the purpose and use of a virtual machine. Can setup and install a virtual machine of different operating systems.					Demonstrates an understanding how to navigate and modify settings in a Windows operating system. Understands the functions of Windows Command Line.				



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Computer Forensics

WORK-BASED LEARNING			POSTSECONDARY CREDIT				
Type of WBL Experience	Year	Hours	College Course	Possible Cr.		Attained	
						Y	N
						Y	N
						Y	N
						Y	N
			Technical Assessment	Passed			
			Precision/Computer Systems I		Y		N
			Precision/Computer Systems I (performance)		Y		N
			Career Portfolio		Y		N
			CERTIFICATIONS, ENDORSEMENTS, LICENSES				
			Title	Date Obtained			
TOTAL							

AWARDS, SPECIAL RECOGNITION, SCHOLARSHIPS	DIPLOMA	Date Obtained	
	Diploma Earned: Insert diploma type here		
	Technical Endorsement on Diploma?	Y	N