

Program Name: Computer Forensics	Outcomes	IST 108 Microsoft Windows	IST 150 PC Tech—Repair & Troubleshooting	IST 151 PC Tech—Operating Systems	IST 154 Networking Basics	IST 166 Computer Forensics I	IST 266 Computer Forensics II	SOC 101 Introduction to Sociology
Outcome #1	Think critically	Implement a functional Windows XP workstation operating environment Improve performance, add features and increase security	Students will be able to assemble, setup, and upgrade personal computer systems; Students will be able to diagnose, isolate faulty components; Prepare for certification, specifically: A+	Students will be able to install, configure and maintain the operating system in both single and dual boot configurations within the Windows family of operating systems; Students will be able to perform advanced file management operations in order to organize, maintain personal computer systems in a workplace or home environment; Students will utilize system utilities to allocate and organize storage and manage peripheral devices; Prepare for certification, specifically: A+	Score a passing grade on a simulated Network+ exam by CompTIA	Score passing grades on final exam generated by publisher.	Utilizing various forensics recovery tools and techniques restore files and storage media that have been deleted and/or corrupted.	
Outcome #2	Communicate effectively with both verbal and written forms	Prevent data loss and facilitate security through use of backups, firewalls, antivirus protection			Submit lab reports in standard format in Blackboard	Complete lab reports Design and submit individual project	Research and develop a report narrating a case study involving forensics procedures	
Outcome #3	Perform and share cooperatively in team projects					Participate in the group project of stocking a Forensics Toolkit		
Outcome #4	Evaluate best practices in security concepts to maintain confidentiality, integrity and availability of computer systems	Practice good file management and disk organization Demonstrate a working knowledge of the Command line and the Registry			Discuss importance of firewalls within a networked environment	Discuss methodology for locking down a crime scene and present findings that hold up in a court of law.	Utilize FTK (Forensics Toolkit) to analyze data on a seized storage device. Produce a report summarizing the evidence that will withstand course scrutiny.	When designing and implementing network environments follow best practices

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Outcome #1	Think critically						
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Outcome #3	Perform and share cooperatively in team projects						
Outcome #4	Evaluate best practices in security concepts to maintain confidentiality, integrity and availability of computer systems						