**Forensics Supported Labs**

| Lab | Title | Objective | Objective Description |
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| 1 | Introduction to File Systems | Digital Forensics Fundamentals | The candidate will demonstrate an understanding of forensic methodology, key forensics concepts, and identifying types of evidence on current Windows operating systems. |
| 2 | Common Locations of Windows Artifacts | Digital Forensics Fundamentals | The candidate will demonstrate an understanding of forensic methodology, key forensics concepts, and identifying types of evidence on current Windows operating systems. |
| 3 | Hashing Data Sets | Digital Forensics Fundamentals | The candidate will demonstrate an understanding of forensic methodology, key forensics concepts, and identifying types of evidence on current Windows operating systems. |
| 4 | Drive Letter Assignments in Linux | Evidence Acquisition, Preparation and Preservation | The candidate will demonstrate understanding of evidence chain-of-custody and integrity, E-discovery concepts, evidence acquisition and preservation, and the tools and techniques used by computer forensic examiners. |
| 5 | The Imaging Process | Evidence Acquisition, Preparation and Preservation | The candidate will demonstrate understanding of evidence chain-of-custody and integrity, E-discovery concepts, evidence acquisition and preservation, and the tools and techniques used by computer forensic examiners. |
| 6 | Introduction to Single Purpose Forensic Tools | Digital Forensics Fundamentals | The candidate will demonstrate an understanding of forensic methodology, key forensics concepts, and identifying types of evidence on current Windows operating systems. |
| 7 | Introduction to Autopsy Forensic Browser | Evidence Acquisition, Preparation and Preservation | The candidate will demonstrate understanding of evidence chain-of-custody and integrity, E-discovery concepts, evidence acquisition and preservation, and the tools and techniques used by computer forensic examiners. |
| 8 | Introduction to PTK Forensics Basic Edition | Evidence Acquisition, Preparation and Preservation | The candidate will demonstrate understanding of evidence chain-of-custody and integrity, E-discovery concepts, evidence acquisition and preservation, and the tools and techniques used by computer forensic examiners. |

| Lab | Title | Objective | Objective Description |
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| 9 | Analyzing a FAT Partition with Autopsy | File and Program Activity Analysis | The candidate will demonstrate an understanding of how the Windows registry, file metadata, memory, and filesystem artifacts can be used to trace user activities on suspect systems. |
| 10 | Analyzing a NTFS Partition with PTK | File and Program Activity Analysis | The candidate will demonstrate an understanding of how the Windows registry, file metadata, memory, and filesystem artifacts can be used to trace user activities on suspect systems. |
| 11 | Browser Artifact Analysis | Browser Forensics | The individual will demonstrate a solid understanding of Browser Forensics. |
| 12 | Communication Artifacts | User Communications Analysis | The candidate will demonstrate an understanding of forensic examination of user communication applications and methods, including host-based and mobile email applications, Instant Messaging, and other software and Internet-based user communication applications. |
| 13 | User Profiles and the Windows Registry | System and Device Profiling and Analysis | The candidate will demonstrate an understanding of the Windows registry structure, and how to profile Windows systems and removable devices. |
| 14 | Log Analysis | Log Analysis | The candidate will demonstrate an understanding of the purpose of the various types of Windows event, service and application logs, and the types of information they can provide. |
| 15 | Memory Analysis | File and Program Activity Analysis | The candidate will demonstrate an understanding of how the Windows registry, file metadata, memory, and filesystem artifacts can be used to trace user activities on suspect systems. |
| 16 | Forensic Case Capstone | Capstone Lab Covering all Objectives | Refer to descriptions above. |