Texas Tech University
A Course on Digital forensics
Memory Forensics
Module 1 – The Agenda
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MODULE 1 - AGENDA

Module 1 - System Overview (Duration: 1 week, online)

By the end of this module, you will be able to identify the effect of hardware components and operating system structures. This module provides a general overview of the hardware components and operating system structures that affect memory analysis. It, also, provides useful background information for those who are new to the field or need a quick refresher. Chapter-1 from the book highlights important aspects of the hardware architecture, and provides an overview of common operating system primitives.

Outline: System Overview

1. Digital Environment
2. PC Architecture
3. Operating Systems
4. Process Management
5. Memory Management
6. File System
7. I/O Subsystem

Activities

- **Reading:** Please read the chapter-1 in your course book.
- **Quiz1:** Please complete the Quiz1 located under the Module1. It covers chapter1, and includes 5 multiple choice questions, 1 true-false question, and 1 open-ended question that requires practice. No late submission will be allowed.