

**Means of Assessment**

The assessment for this module has the following components:

|                             |      |
|-----------------------------|------|
| 1. CA1: Assignment 1        | 25%  |
| 2. CA2: Assignment 2        | 25%  |
| 3. EXAM: Examination        | 40%  |
| 4. CA9: General Performance | 10%  |
| Total                       | 100% |

# Assessment

# Lesson plan today

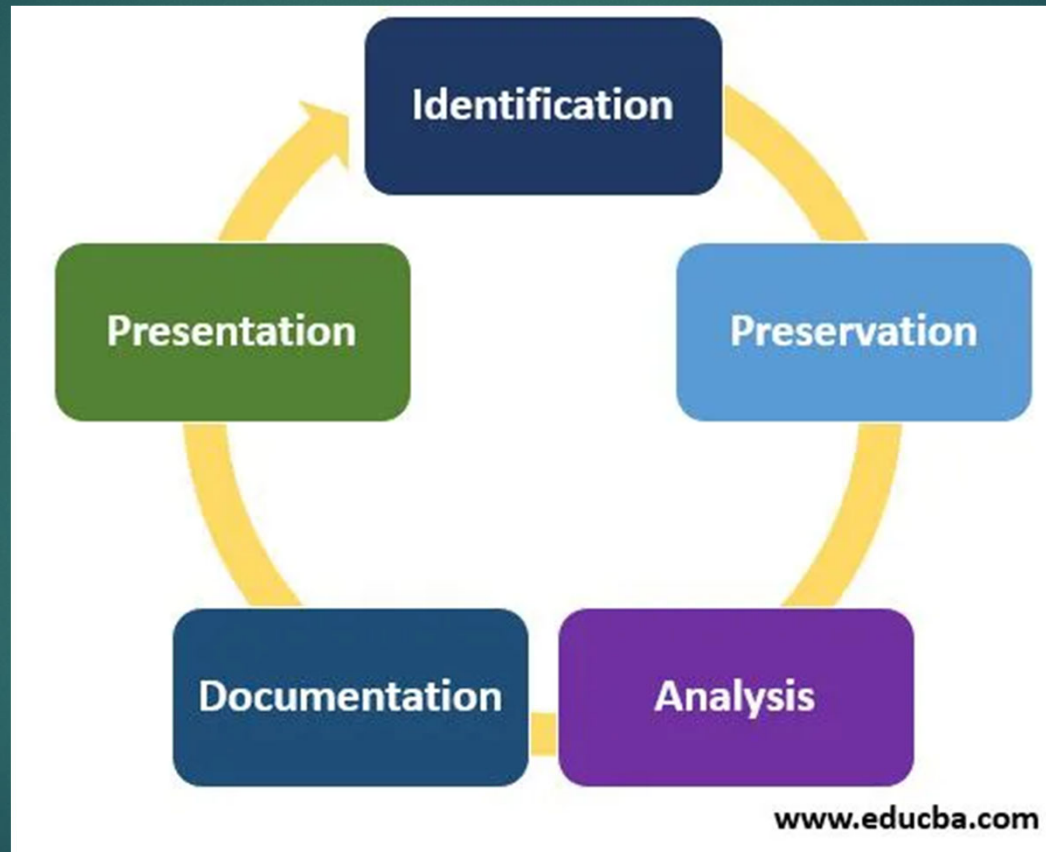
- ▶ 1. Module introduction and overview/module information.
- ▶ 2. Will release assignment 1 on week2. Need to **form teams** for the assignment. 3-4 members (max) in 1 team. Please send your team list to me as soon as possible.
- ▶ 3. Setup VPN to access CWC's lab remotely.

# Digital Forensic Investigation

- ▶ *Digital forensics is the discipline that combines elements of **law** and **computer science** to collect and analyze data from computer systems (include computer memory), networks, wireless communications, and **storage devices** in a way that is admissible as evidence whether during an investigation inside any organization or in a court of law.*

▶ US CERT Forensic Publication

# Digital Forensic Investigation Process





What people think we are



What we actually are



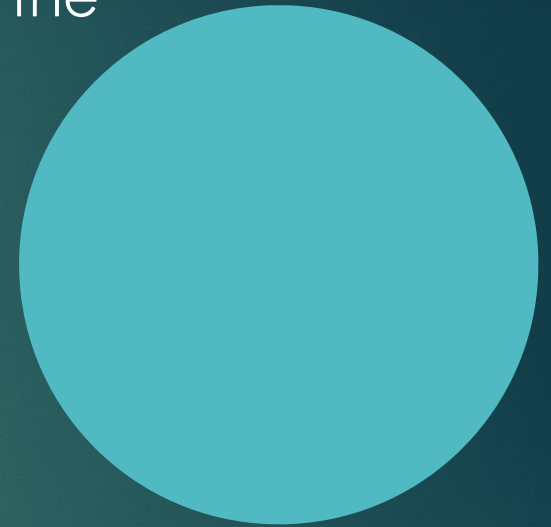
## In Lecture 1...

- ▶ Digital forensics involves systematically accumulating and analyzing digital information for use as **evidence** in civil, criminal, and administrative cases
- ▶ Investigators need **specialized workstations** to **examine** digital evidence
- ▶ **Public-sector** and **private-sector investigations** differ; public-sector typically require search warrants before seizing digital evidence



# Quiz...

- 1. In general, a criminal case follows three stages: the complaint, the investigation, and the \_\_\_\_.
- litigation
  - allegation
  - blotter
  - prosecution



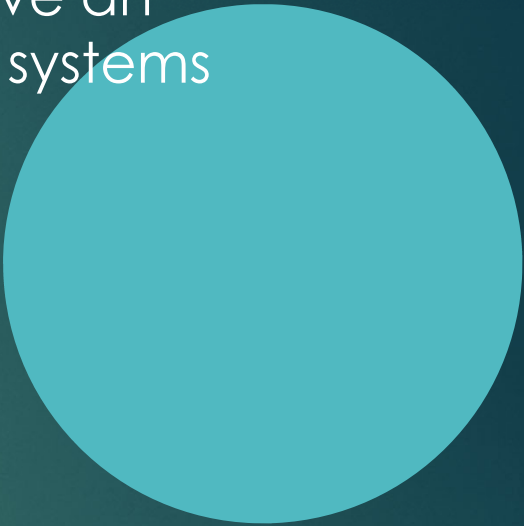


# Quiz...

- 2. \_\_\_ often work as part of a team to secure an organization's computers and networks.
- Computer analysts
  - Data recovery engineers
  - Forensics investigators
  - Network monitors



## Quiz...

- ▶ 3. Without a warning banner, employees might have an assumed \_\_\_\_ when using a company's computer systems and network accesses.
- line of authority
  - right of privacy
  - line of privacy
  - line of right
- 

# Week 1 Lab

- ▶ Setup VPN on laptop to access CWC lab remotely.
  - ▶ Go to “Learning Resource” in brightspace
  - ▶ Download the document “Access Magnet From Home Using VPN”.
  - ▶ Follow the steps in the document and setup VPN access to CWC lab