LECTURE 2

INFORMATION SECURITY

1. What are the three principles of security control and management?

* Confidentiality
* Integrity
* Availability

What is confidentiality?

* Keeping information and communications private and protected from unauthorized access.

What is integrity?

* Keeping organizational information accurate, free of errors, and free from unauthorized modification.

What is Availability?

* Ensuring that computer systems operate continuously and that authorized persons can access the data they need.

What is Authentication?

* Is a method used to identify users depending on the security protocol selected possibly encryption.

What is Authorization?

* Determining access levels

What is Accounting?

* The method for collecting and sending information is used for auditing and reporting.