## Course 2 Weak 2.

Discussion of confidentiality, Inkyity and Availability.

Friends and Eternies

Well-known in network secreting word

Bob, Alice (Friends) want the communical

"Secrety"

Mile delete, and new uses.

Service Services

Services

Truly (Interception).

## CIA D'Ihoren Ky Objectives of Network Security.

Confidentiality

Ly Preserving authorized restricting on information Access and disclosure,..

L) Loss of confidentiality is the unauthorized disclosure of information.

Integrity.

Los Covarding against improper information modification or destrution

Don-repudiation and authoritis.

Ly Integrity loss is the unauthorized/ mainstruction or destruction of information.

Availabity

Ly Timely and reliable acoss to information

Doss of enailability is the disruption of access to an information system.

Authenticity: - property of being genine and revisable.

Accomplishing: mapping acting to an eventity.

What is AAA?

Josephification > Parsmondi / tokens

Authorization.

Authorization.

Lecone.

Accantability.

Controls.

Asmistrative
Technical
Physica.

Acles Control

Maliner MAC -> Mancratory (Acces Control)
militery OAC -> Discretioning Acces Control
Owner Role Based Access Control.

other Methous.

Centralized

Decentralize,

~ 3As

-> Military uses!

Acres whom) Phyrical and logical.

Physical aces control methors

Perinetral

-) Building

-morliarey

-> servery and retworks.

Technical uses of Physical security Took

-> ID Bouges

-721675 andlogs

Thos acers dentil sylvy.

7 Tollens

-> fromimily sensors

- Tramps

-> Paysiles Plock

- lamera.