**Course: Advance Bio Informatics**

**Module Title: Guidelines for Biological Data Protection**

**Module No: 148**

Create strong privacy and security policies and procedures required by HIPAA

Define who can look at PHI such as only those with a need to know Sanction policies;

**Sanctions policies**

Have a sanctions policy defining for serious violations, e.g. removing PHI from the facility against policy, unauthorized access.

**Security Policies**

Define security policies and procedures to support the privacy policy:

* Control and log access
* Privacy and security need to work together

**Staff Training**

Educate staff concerning privacy and security. Value staff who recognize privacy risks and correct or report them

**Subcontractors Training**

Make sure subcontractors are following HIPAA privacy regulations:

Many subcontractors that hand PHI may not have adequate privacy and security policies and procedures in place

**Legal Agreement**

A legal agreement is required by HIPAA defining their responsibilities, conduct audits to verify compliance

**Risk Assessment**

Frequent cause of breaches is subcontractor lack of attention to privacy and security. Perform a risk assessment and develop and implement a strategy to mitigate risks.