I. PURPOSE

This standard reflects East Carolina University’s commitment to use appropriate integrity controls to protect the confidentiality, integrity, and availability of EPHI transmitted over electronic communications networks.

II. AUTHORIZATION AND ENFORCEMENT

Health Care component management and/or administrator(s) are responsible for monitoring and enforcing this policy, in consultation with the ECU IT Security Officer, ECU HIPAA Security Officer, and ECU HIPAA Privacy Officer.

III. STANDARD

Appropriate integrity controls must be used to protect the confidentiality, integrity, and availability of ECU EPHI transmitted over electronic communications networks. ECU’s integrity controls must ensure that the value and state of all transmitted EPHI is maintained, and the data is protected from unauthorized modification.

IV. APPLICABILITY

This standard is applicable to all workforce members who are responsible for or otherwise administer a healthcare computing system. A healthcare computing system is defined as a device or group of devices that store EPHI which is shared across the network and accessed by healthcare workers.
V. PROCEDURE

1. Health Care Components must use integrity controls that are appropriate for protecting the confidentiality, integrity, and availability of EPHI transmitted over electronic communications networks. The appropriateness of controls must be based upon sensitivity of and risks to EPHI. For example, EPHI transmitted over public networks represent a much higher risk than EPHI transmitted over ECU’s campus network. Integrity controls may include, but are not limited to:

   - Encryption
   - Checksums
   - Point-to-point communications, such as Virtual Private Networks (VPN)
   - Switched networks

VI. COORDINATING INSTRUCTIONS

1. All section policies, standards and procedures will be reviewed annually. Every section policy, standard and procedure revision/replacement will be maintained for a minimum of six years from the date of its creation or when it was last in effect, whichever is later. Other East Carolina University, University of North Carolina system, or state of North Carolina requirements may stipulate a longer retention period.