Encryption: Data Encryption Standard (DES) - FIPS 46-3
http://csrc.nist.gov/publications/fips/fips46-3/fips46-3.pdf

Encryption: DES Modes of Operation - FIPS 81
http://www.itl.nist.gov/fipspubs/fip81.htm

Encryption: Advanced Encryption Standard (AES) - FIPS 197
(with keys sizes of 128 and 256 bits)
http://csrc.nist.gov/publications/fips/fips197/fips-197.pdf*

Encryption: Elliptic curve cryptography
http://www.nsa.gov/ia/industry/crypto_elliptic_curve.cfm?MenuID=10.2.7

Digital Signature: Elliptic Curve Digital Signature Algorithm - FIPS 186-2
(using the curves with 256 and 384-bit prime moduli)
http://csrc.nist.gov/publications/fips/fips186-2/fips186-2-change1.pdf*

Key Exchange: Elliptic Curve Diffie-Hellman or Elliptic Curve MQV
Draft NIST Special Publication 800-56
(using the curves with 256 and 384-bit prime moduli)
http://csrc.nist.gov/CryptoToolkit/kms/keyschemes-Jan03.pdf*

Hashing: Secure Hash Algorithm - FIPS 180-2
(using SHA-256 and SHA-384)
http://csrc.nist.gov/publications/fips/fips180-2/fips180-2withchangenotice.pdf