

005 *Computer programming, programs, data, security

Class here software compatibility, portability, reliability, reusability

Class computer programming, programs, data for special computer methods in 006; class comprehensive works on hardware and programs in electronic data processing in 004

See Manual at 004 vs. 005

.8 *Computer security

Including penetration testing

Class here computer network security, software security, data security

For management of computer security, see 658.478

.82 *Countermeasures to threats

Including digital rights management, electronic signatures

Class digital signatures (electronic signatures involving cryptography) in 005.824

For access control, see 005.83; for biometric identification, see 006.842

.824 *Data encryption

Including digital signatures (electronic signatures involving cryptography), public key cryptography

Class here ciphers

Class comprehensive works on electronic signatures in 005.82; class interdisciplinary works on cryptography in 652.8

.83 *Access control

Including authentication, firewalls, intrusion detection, intrusion prevention

.87 *Threats

Including denial of service attacks

Class intrusion detection, intrusion prevention in 005.83

For malware, see 005.88; for social engineering attacks, see 364.163; for computer crimes, see 364.168

.88 *Malware

Including computer viruses, rootkits, spyware, Trojan horses, worms