Spokane Falls Community College

COURSE LEARNING OUTCOMES AND OUTLINE

Prefix and Course Number  CYBR 470  
Course Title  Identity Management

Course Learning Outcomes

By the end of this course, a student should be able to:

— Construct a data governance plan
— Explain identity and access management philosophies
— Deploy federated identities in an enterprise simulation
— Compare identity management standards

Course Outline

1. Data Governance
   1.1 Data Classification
   1.2 Data Stewardship
   1.3 Data Custodians
   1.4 Data Users
2. Identity and Access Management
   2.1 Identities
       2.1.1 Entities
       2.1.2 Attributes
   2.2 Access
       2.2.1 Authentication
       2.2.2 Authorization
       2.2.3 Roles
       2.2.4 Delegation
   2.3 Federated Identities
3. Standards
   3.1 ISO 24760
   3.2 ISO 29115
   3.3 COBIT Framework
   3.4 SAML Protocol