NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

Computer Science and Information Technology Education

Grade: Grade 9 - 12
Course: Network Security II New

NCCTE.2020.BN32 - Network Security II

NCCTE.2020.BN32.01.00 - Understand identity and access management.

NCCTE.2020.BN32.01.01 - Compare identity and access management concepts

NCCTE.2020.BN32.01.02 - Install and configure identity and access services.

NCCTE.2020.BN32.01.03 - Implement identity and access management controls.

NCCTE.2020.BN32.01.04 - Differentiate common account management practices.

NCCTE.2020.BN32.02.00 - Understand risk management

NCCTE.2020.BN32.02.01 - Explain the importance of policies, plans, and prodedures related to organizational security.

NCCTE.2020.BN32.02.02 - Summarize business impact analysis concepts.

NCCTE.2020.BN32.02.03 - Explain risk management processes and concepts.

NCCTE.2020.BN32.02.04 - Follow incident response procedures.

NCCTE.2020.BN32.02.05 - Summarize basic concepts of forensics.

NCCTE.2020.BN32.02.06 - Explain disaster recovery and continuity of operation concepts.

NCCTE.2020.BN32.02.07 - Compare various types of controls.

NCCTE.2020.BN32.02.08 - Carry out data security and privacy practices.

NCCTE.2020.BN32.03.00 - Understand Cryptography and PKI.Â

NCCTE.2020.BN32.03.01 - Compare basic concepts of cryptography.

NCCTE.2020.BN32.03.02 - Explain cryptography algorithms and their basic characteristics.

NCCTE.2020.BN32.03.03 - Install and configure wireless security settings.

NCCTE.2020.BN32.03.04 - Implement public key infrastructure.Â