NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

Computer Science and Information Technology Education

Grade: Grade 9 - 12
Course: Foundations of Information Technology
NCCTE.BI10 - Foundations of Information Technology

  NCCTE.BI10.01.00 - Understand Information Technology career pathways and foundation skills.

    NCCTE.BI10.01.01 - Understand information technologies and related career pathways.

    NCCTE.BI10.01.02 - Understand career and workplace expectations.

  NCCTE.BI10.02.00 - Understand the Information Support and Services pathway.

    NCCTE.BI10.02.01 - Understand how computing devices work.

    NCCTE.BI10.02.02 - Understand basic troubleshooting of hardware and software.

    NCCTE.BI10.02.03 - Explore advanced concepts in Information Support and Services.

  NCCTE.BI10.03.00 - Understand the Network Systems pathway.

    NCCTE.BI10.03.01 - Understand the physical components of a network.

    NCCTE.BI10.03.02 - Understand network management.

    NCCTE.BI10.03.03 - Explore advanced concepts in network systems.

  NCCTE.BI10.04.00 - Understand the Web and Digital Communications pathway.

    NCCTE.BI10.04.01 - Understand how multimedia is used on the Web.

    NCCTE.BI10.04.02 - Understand how webpages are created and used.

    NCCTE.BI10.04.03 - Explore advanced concepts in web development.

  NCCTE.BI10.05.00 - Understand the Programming and Software Development pathway.

    NCCTE.BI10.05.01 - Understand software types and uses.

    NCCTE.BI10.05.02 - Understand beginning programming concepts.

    NCCTE.BI10.05.03 - Explore advanced concepts in Programming and Software Development.

  NCCTE.BI10.06.00 - Understand the evolution of information technology and career options in Information Technology.

    NCCTE.BI10.06.01 - Understand the evolution of information technology.

    NCCTE.BI10.06.02 - Understand careers in information technology.