

CompuScholar, Inc.
 Alignment to North Carolina BI10
"Foundations of Information Technology" Course Standards

North Carolina Course Details:

Course Name:	Foundations of Information Technology
Primary Cluster:	Business, Finance, and Information Technology
Course Code(s):	BI10
Credit:	1
Grade Level:	9th-12th
State Standards Link:	North Carolina CTE Standards NCCTE.BU10

CompuScholar Course Details:

Course Title:	CompuScholar: Digital Savvy
Course ISBN:	978-0-9887070-8-5
Course Year:	2019

Note 1: Citation(s) listed may represent a subset of the instances where objectives are met throughout the course.

Note 2: Citation(s) for a "Lesson" refer to the "Lesson Text" elements and associated "Activities" within the course, unless otherwise noted. The "Instructional Video" components are supplements designed to introduce or re-enforce the main lesson concepts, and the Lesson Text contains full details.

Course Description

This introductory course provides students with the foundation to pursue further study in information technology. Emphasis is on network systems, information support and services, programming and software development, and interactive media.

Course Standards

NCCTE.BI10.01.00 - Understand Information Technology career pathways and foundation skills.	CITATION(S)
NCCTE.BI10.01.01 - Understand information technologies and related career pathways.	Chapter 24 Suppl. Ch. 3, Lesson 2
NCCTE.BI10.01.02 - Understand career and workplace expectations.	Chapter 24 Suppl. Ch. 3, Lesson 2

NCCTE.BI10.02.00 - Understand the Information Support and Services pathway.	CITATION(S)
NCCTE.BI10.02.01 - Understand how computing devices work.	Chapters 1, 2, 3
NCCTE.BI10.02.02 - Understand basic troubleshooting of hardware and software.	Chapter 5

NCCTE.BI10.02.03 - Explore advanced concepts in Information Support and Services.	Chapters 5, 6, 8 Suppl. Chapter 1
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NCCTE.BI10.03.00 - Understand the Network Systems pathway.	CITATION(S)
NCCTE.BI10.03.01 - Understand the physical components of a network.	Chapter 6, Lessons 1 - 2
NCCTE.BI10.03.02 - Understand network management.	Chapter 6, Lessons 2 - 4
NCCTE.BI10.03.03 - Explore advanced concepts in network systems.	Chapter 6, Lessons 5 - 6 Suppl. Ch. 1, Lesson 5

NCCTE.BI10.04.00 - Understand the Web and Digital Communications pathway.	CITATION(S)
NCCTE.BI10.04.01 - Understand how multimedia is used on the Web.	Chapters 15, 17, 18, 21
NCCTE.BI10.04.02 - Understand how webpages are created and used.	Chapters 19, 20, 21
NCCTE.BI10.04.03 - Explore advanced concepts in web development.	Chapter 25 Suppl. Ch. 1, Lessons 3 - 5

NCCTE.BI10.05.00 - Understand the Programming and Software Development pathway.	CITATION(S)
NCCTE.BI10.05.01 - Understand software types and uses.	Chapter 2
NCCTE.BI10.05.02 - Understand beginning programming concepts.	Chapters 22, 23
NCCTE.BI10.05.03 - Explore advanced concepts in Programming and Software Development.	Chapter 12 Suppl. Chapter 2

NCCTE.BI10.06.00 - Understand the evolution of information technology and career options in Information Technology.	CITATION(S)
NCCTE.BI10.06.01 - Understand the evolution of information technology.	Chapter 1, Lesson 4
NCCTE.BI10.06.02 - Understand careers in information technology.	Chapter 24 Suppl. Ch. 3, Lesson 2