North Carolina CTE

CS10 Intro to Computer Science (2026)

Understand computing systems. CS10.1	**1.01** Understand computing devices. CS10.1.01
	1.02 Understand the relationship between hardware and software. CS10.1.02
Understand networks and the internet. CS10.2	**2.01** Understand how sensitive data can be affected by malware and other attacks. CS10.2.01
	2.02 Understand how computer systems and networks facilitate the transfer of data. CS10.2.02
	2.03 Understand various security measures and the protections they provide. CS10.2.03
	2.04 Understand how data is transferred across a network and the role of protocols in transmitting data. CS10.2.04
Understand data and analysis. CS10.3	**3.01** Understand data collection and storage methods. CS10.3.01
	3.02 Understand basic data manipulation techniques. CS10.3.02
	3.03 Understand data visualizations. CS10.3.03
	3.04 Understand ethical use of data. CS10.3.04
Understand programming. CS10.4	**4.01** Understand the basic concepts of programming, including variables and data types. CS10.4.01
	4.02 Understand the purpose of functions and methods. CS10.4.02
	4.03 Understand program flow. CS10.4.03
	4.04 Understand the use of algorithms in problem-solving. CS10.4.04
	4.05 Understand debugging techniques. CS10.4.05
Un of	**I** Understand the impact computing has on culture and society. CS10.5.01

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	5.02 Understand the impact computing has on safety, law, and ethics. CS10.5.02
	5.03 Understand computational tools used to increase connectivity. CS10.5.03
Understand artificial intelligence (AI). CS10.6	**6.01** Understand the basic concepts of artificial intelligence. CS10.6.01
	6.02 Understand different types of artificial intelligence and how they are used. CS10.6.02
	6.03 Understand artificial intelligence limitations and societal impacts. CS10.6.03