Courses List
Pursuant to NC SBE State Graduation Requirements (Policy GRAD-004), the following state-managed and local course option computer science courses satisfy the requirements:

State-Managed Computer Science Courses
Students may complete one of the following state-managed high school courses to satisfy the graduation requirement.

Course Number	Course Name
	Advanced Placement/ International Baccalaureate Courses
0A02	AP Computer Science Principles
2A02	AP Computer Science A
0I04	IB Digital Society SL
0I05	IB Digital Society HL
2I00	IB Computer Science SL
2I01	IB Computer Science HL
	Career and College Promise Courses
BW32	CIS110 Intro to Computers
BW35	CIS115 Intro to Programming and Logic
BW36	CSC134 C++ Programming
BW38	CSC139 Visual BASIC Prog
BW40	CSC151 JAVA Programming
BW42	CSC239 Advanced Visual BASIC Programming
BW47	CTS115 Information Systems Business Concept
BX26	CSC120 Computing Fundamentals I
BX27	CSC130 Computing Fundamentals II
IJ04	CSC249 Data Structure and Algorithms
IJ05	CSC251 Advanced JAVA Programming
TW55	EGR215 Network Theory I
	Career Pathway Courses
BC10	PLTW Cybersecurity Honors
BI12	CompTIA IT Fundamentals
BL52	Develop in Swift Explorations
BL53	Develop in Swift Fundamentals
BM21	Introduction to Data Science
BN20	Network Administration I
BN22	Network Administration II
BN31	Network Security I
BN32	Network Security II

Course Number	Course Name
BN41	Artificial Intelligence I
BP01	Introduction to Computer Science
BP05	Coding in Minecraft – Expert
BP14	Python Programming I
BP16	Python Programming II
BP20	SAS Base Programming
BP41	Computer Science I
BP42	Computer Science II
CN56	National Academy Foundation (NAF) Academy of Information Technology Foundational Prerequisite
CN57	National Academy Foundation (NAF) Academy of Information Technology Prerequisite
CN58	National Academy Foundation (NAF) Academy of Information Technology Concentrator
CN59	National Academy Foundation (NAF) Academy of Information Technology MAJR
II11	Cisco Network Engineering Technology I
II12	Cisco Network Engineering Technology II
II21	Computer Engineering Technology I
II22	Computer Engineering Technology II
II41	Adobe Visual Design I
II42	Adobe Visual Design II
II43	Adobe Digital Design I
II45	Adobe Video Design I
II46	Adobe Video Design II
IM14	Manufacturing Robotics
TE11	Technology, Engineering, and Design
TE12	Technological Design
TE13	Engineering Design
TP11	PLTW Intro to Engineering Design
TP12	PLTW Principles of Engineering
TR11	SREB AC Advanced Technology for Design and Production
TR12	SREB AC Systems of Advanced Tech
TS24	3D Modeling and Animation I
TS25	3D Modeling and Animation II
TS31	Game Art and Design
TS32	Advanced Game Art and Design

High School Courses Eligible for Middle School

Students may complete one of the following high school state-managed courses during middle school to satisfy the graduation requirement.

Course Number	Course Name
BP01	Introduction to Computer Science
BL52	Develop in Swift Explorations
BM21	Introduction to Data Science
BP05	Coding in Minecraft - Expert
TE11	Technology, Engineering, and Design
TS24	3D Modeling and Animation I

Local Course Options for Computer Science

Students may complete one of the following local course option courses to satisfy the graduation requirement.

Course Number	Course Name
BL08	Introduction to Computer Science
BL15	PLTW Computer Science Essentials
BL17	Introduction to Cyber Security
BL65	Data Analytics I
BP10	Computer Programming I
BR11	SREB AC Informatics Computers, Networks and Databases
BR12	SREB AC Informatics Design for the Digital World
BR13	SREB AC Informatics Database in the Cloud
BR14	SREB AC Informatics Developing a Cloud Presence
II13	Cisco Network Engineering Technology III
IK11	Introduction to Engineering
TL03	Applications of Engineering Technology
TL04	Engineering Technology I
TL07	Engineering Technology IV
TL08	Engineering and Tech Foundations 1A
TL09	Engineering and Tech Foundations 1B
TL13	Intro to Integrated Systems Technology
TL18	Robotics I
TL19	Robotics II
TL44	Introduction to Modeling and Animation
TL51	3D Modeling II
TL52	Unity 3D Programming II

Review Process

An annual review of courses will occur to determine the eligibility of new state-managed courses or local course options to be included on the list. All courses to be considered will be submitted to the North Carolina Department of Public Instruction for review by August 1 of each year for implementation the following academic year. A course will be deemed eligible if at least 80% of the course focus on three or more of the following computer science principles:

- Computing systems and applications
- Networks and the internet
- Data analytics
- Programming and algorithms
- Impacts of technology

Updates to the list of computer science courses satisfying graduation requirements will be presented to the State Board of Education for approval.