

GENERAL ASSEMBLY OF NORTH CAROLINA  
SESSION 2023

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SENATE BILL DRS45293-TC-24

Short Title: Igniting Futures in Technology. (Public)

Sponsors: Senators Lee, Craven, and P. Newton (Primary Sponsors).

Referred to:

1 A BILL TO BE ENTITLED  
2 AN ACT TO ESTABLISH THE SPARKNC PILOT TO ENCOURAGE STUDENT-DRIVEN  
3 LEARNING AND EXPLORATION IN TECHNOLOGY.

4 The General Assembly of North Carolina enacts:

5 **SECTION 1.(a)** There is established the SparkNC Pilot Program (Program). The  
6 pilot program authorizes SparkNC, a North Carolina nonprofit corporation, in partnership with  
7 selected public school units, to develop a nontraditional, student-driven pathway through which  
8 students may select and complete modular learning experiences that, when aggregated, will  
9 provide a competency-based equivalency to a traditional elective course credit. SparkNC shall  
10 provide a menu of modular learning experiences that include opportunities for work-based  
11 learning. The competency-based elective credit shall be denoted on student transcripts as  
12 High-Tech Learning Accelerator and focused on science, technology, engineering, and  
13 mathematics (STEM).

14 **SECTION 1.(b)** Each public school unit partnering with SparkNC in accordance  
15 with this act (partnering public school units) shall enter a memorandum of understanding with  
16 SparkNC to meet certain requirements for the Program. These requirements shall include the  
17 provision of a physical learning lab staffed by a learning lab facilitator that will provide a site for  
18 collaborative learning and virtual networking. Learning lab facilitators shall facilitate interdistrict  
19 instruction, provide student advising, design learning experiences, coordinate with industry  
20 partners, and validate student work.

21 **SECTION 1.(c)** Partnering public school units shall award the elective credit in  
22 High-Tech Learning Accelerator to any student who completes a combination of modules  
23 determined by SparkNC to provide the competency-based elective credit in that course upon  
24 verification of successful completion of the learning experiences and integrity of student work  
25 products by the learning lab facilitator. The elective credit shall be denoted as achieved mastery  
26 on the student's transcript. A student's participation in modules but failure to earn elective credit  
27 shall not be denoted as a fail on the student's transcript.

28 **SECTION 1.(d)** The following provisions shall apply to the Program:

- 29 (1) Notwithstanding G.S. 115C-295, learning lab facilitators shall not be required  
30 to hold teacher licensure but shall meet the standards established by the  
31 memorandum of understanding. Learning lab facilitators shall be the teacher  
32 of record for students enrolled in the Program. Additional non-licensed  
33 personnel may be contracted with on a full- or part-time basis for the purpose  
34 of providing timely, real-world content, industry expertise, and student  
35 learning experiences. Learning lab facilitators and contract personnel with the



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- 1 Program shall be subject to the requirements of Part 6 of Article 22 of Chapter  
2 115C of the General Statutes (Criminal History Checks).
- 3 (2) For the purposes of student participation in the Program, the requirements of  
4 Part 2 of Article 8 of Chapter 115C of the General Statutes (Calendar) shall  
5 not apply. Students may continue to participate in the Program and aggregate  
6 learning experiences throughout the time the student is enrolled in the public  
7 school unit and shall not be limited to a semester or school year. Learning  
8 experiences may be provided to students in person, remotely, or through  
9 asynchronous modules.
- 10 (3) Notwithstanding G.S. 115C-316 or any other law to the contrary, public  
11 school units shall not be required to pay learning lab facilitators in accordance  
12 to the salary schedule used for other teachers employed by the public school  
13 unit.
- 14 (4) If a course in computer science is required for high school graduation,  
15 completion of the competency-based elective credit of High-Tech Learning  
16 Accelerator shall be deemed to satisfy that requirement.

17 **SECTION 2.(a)** For the 2023-2024 and 2024-2025 school years, the following  
18 public school units may partner with SparkNC to participate in the Program:

- 19 (1) Asheboro City Schools  
20 (2) Cabarrus County Schools  
21 (3) Chapel Hill-Carrboro City Schools  
22 (4) Chatham County Schools  
23 (5) Cumberland County Schools  
24 (6) Edgecombe County Schools  
25 (7) Elizabeth City-Pasquotank Public Schools  
26 (8) Granville County Schools  
27 (9) Guilford County Schools  
28 (10) Lexington City Schools  
29 (11) Mt. Airy City Schools  
30 (12) New Hanover County Schools  
31 (13) Rockingham County Schools  
32 (14) Rowan-Salisbury Schools  
33 (15) Scotland County Schools  
34 (16) Vance County Schools  
35 (17) Wake County Public School System  
36 (18) Warren County Schools

37 **SECTION 2.(b)** For the 2024-2025 school year, SparkNC may select up to 10  
38 additional public school units to partner with for the Program.

39 **SECTION 3.(a)** SparkNC, in consultation with the partnering public school units,  
40 shall provide an interim report to the Joint Legislative Education Oversight Committee by March  
41 1, 2025, on the following information, disaggregated for each public school unit by grade level  
42 and school, when possible:

- 43 (1) Number and percentage of student participation in the Program.  
44 (2) Student retention and persistence in the Program.  
45 (3) Student completion of the High-Tech Learning Accelerator elective credit.  
46 (4) Student evaluation of the Program.  
47 (5) Student interest in science, technology, engineering, and mathematics  
48 following participation in the Program.  
49 (6) Cost per student for Program participation.  
50 (7) Public school unit persistence in the Program.

- 1 (8) Recommendations for Program changes, including recommended legislative
- 2 changes.
- 3 **SECTION 3.(b)** SparkNC, in consultation with the partnering public school units,
- 4 shall provide a final report to the Joint Legislative Education Oversight Committee by March 1,
- 5 2026, on the following information, disaggregated for each public school unit by grade level and
- 6 school, when possible:
- 7 (1) Number and percentage of student participation in the Program.
- 8 (2) Student retention and persistence in the Program.
- 9 (3) Student completion of the High-Tech Learning Accelerator elective credit.
- 10 (4) Student evaluation of the Program.
- 11 (5) Student interest in science, technology, engineering, and mathematics
- 12 following participation in the Program.
- 13 (6) Cost per student for Program participation.
- 14 (7) Public school unit persistence in the Program.
- 15 (8) Recommendations for Program changes, including recommended legislative
- 16 changes.
- 17 (9) Recommendations on development of a mastery transcript.
- 18 **SECTION 4.** This act is effective when it becomes law and applies for the 2023-2024
- 19 and 2024-2025 school years.