

116TH CONGRESS
1ST SESSION

S. 2154

To direct the Secretary of Defense to carry out a program to enhance the preparation of students in the Junior Reserve Officers' Training Corps for careers in computer science and cybersecurity, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JULY 17, 2019

Ms. ROSEN (for herself, Mrs. BLACKBURN, Mr. CORNYN, and Mr. PETERS) introduced the following bill; which was read twice and referred to the Committee on Armed Services

A BILL

To direct the Secretary of Defense to carry out a program to enhance the preparation of students in the Junior Reserve Officers' Training Corps for careers in computer science and cybersecurity, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “JROTC Cyber Train-
5 ing Act”.

1 **SEC. 2. JROTC COMPUTER SCIENCE AND CYBERSECURITY**
 2 **PROGRAM.**

3 (a) PROGRAM REQUIRED.—

4 (1) IN GENERAL.—Chapter 102 of title 10,
 5 United States Code, is amended by adding at the
 6 end the following new section:

7 **“§ 2036. Computer science and cybersecurity pro-**
 8 **gram**

9 “(a) REQUIREMENT.—The Secretary of Defense shall
 10 carry out a program to enhance the preparation of stu-
 11 dents in the Junior Reserve Officers’ Training Corps for
 12 careers in computer science and cybersecurity.

13 “(b) COORDINATION.—In carrying out the program,
 14 the Secretary shall coordinate with the following:

15 “(1) The Secretaries of the military depart-
 16 ments.

17 “(2) The Secretary of Education.

18 “(3) The National Science Foundation.

19 “(4) The heads of such other Federal, State,
 20 and local government entities the Secretary of De-
 21 fense determines appropriate.

22 “(5) Private sector organizations the Secretary
 23 of Defense determines appropriate.

24 “(c) ACTIVITIES.—Activities under the program may
 25 include the following:

1 “(1) Establishment of targeted internships and
2 cooperative research opportunities in computer
3 science and cybersecurity at defense laboratories and
4 other technical centers for students in and instruc-
5 tors of the Junior Reserve Officers’ Training Corps.

6 “(2) Funding for training and other supports
7 for instructors to teach evidence-based courses in
8 computer science and cybersecurity to students.

9 “(3) Efforts and activities that improve the
10 quality of cybersecurity and computer science edu-
11 cational, training opportunities, and curricula for
12 students and instructors.

13 “(4) Development of travel opportunities, dem-
14 onstrations, mentoring programs, and informal com-
15 puter science and cybersecurity education for stu-
16 dents and instructors.

17 “(d) METRICS.—The Secretary shall establish out-
18 come-based metrics and internal and external assessments
19 to evaluate the merits and benefits of activities conducted
20 under the program with respect to the needs of the De-
21 partment of Defense.

22 “(e) AUTHORITIES.—In carrying out the program,
23 the Secretary shall, to the maximum extent practicable,
24 make use of the authorities under chapter 111 and sec-
25 tions 2601, 2605, and 2374a of this title, section 219 of

1 the Duncan Hunter National Defense Authorization Act
2 for Fiscal Year 2009 (Public Law 110–417; 10 U.S.C.
3 2358 note), and other authorities the Secretary deter-
4 mines appropriate.”.

5 (2) CLERICAL AMENDMENT.—The table of sec-
6 tions at the beginning of chapter 102 of such title
7 is amended by adding at the end the following new
8 item:

“2036. Computer science and cybersecurity program.”.

9 (b) REPORT.—Not later than two years after the date
10 of the enactment of this Act, the Secretary of Defense
11 shall submit to the Committees on Armed Services of the
12 Senate and the House of Representatives a report on ac-
13 tivities carried out under the program on computer science
14 and cybersecurity for the Junior Reserve Officers’ Train-
15 ing Corps required by section 2036 of title 10, United
16 States Code (as added by subsection (a)).

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