

AMENDMENT TO RULES COMM. PRINT 116-57
OFFERED BY MR. RICHMOND OF LOUISIANA

Add at the end of subtitle C of title XVII the following:

1 **SEC. 16 ____ . CYBERSECURITY EDUCATION AND TRAINING**
2 **ASSISTANCE PROGRAM.**

3 (a) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that—

5 (1) the United States continues to face critical
6 shortages in the national cybersecurity workforce;

7 (2) the Cybersecurity and Infrastructure Secu-
8 rity Agency within the Department of Homeland Se-
9 curity has the responsibility to manage cyber and
10 physical risks to our critical infrastructure, including
11 by ensuring a national workforce supply to support
12 cybersecurity through education, training, and ca-
13 pacity development efforts;

14 (3) to reestablish the technology leadership, se-
15 curity, and economic competitiveness of the United
16 States, the Cybersecurity and Infrastructure Secu-
17 rity Agency should create a sustainable pipeline by
18 strengthening elementary and secondary cybersecu-
19 rity outreach and education nationwide.

1 (b) AUTHORITIES.—Paragraph (1) of section 2202(e)
2 of the Homeland Security Act of 2002 (6 U.S.C. 652(e))
3 is amended by adding at the end the following new sub-
4 paragraph:

5 “(R) To encourage and build cybersecurity
6 awareness and competency across the United
7 States and to develop, attract, and retain the
8 cybersecurity workforce necessary for the cyber-
9 security related missions of the Department, in-
10 cluding by—

11 “(i) overseeing elementary and sec-
12 ondary cybersecurity education and aware-
13 ness related programs at the Department;
14 and

15 “(ii) carrying out cybersecurity re-
16 lated workforce development activities, in-
17 cluding through—

18 “(I) increasing the pipeline of fu-
19 ture cybersecurity professionals
20 through programs focused on elemen-
21 tary and secondary education, higher
22 education, and underrepresented stu-
23 dents in science and engineering, in-
24 cluding women and racial and ethnic
25 minorities; and

1 “(II) building awareness of and
2 competency in cybersecurity across
3 the United States.”.”.

4 (c) EDUCATION, TRAINING, AND CAPACITY DEVEL-
5 OPMENT.—Subsection (c) of section 2202 of the Home-
6 land Security Act of 2002 (6 U.S.C. 652) is amended—

7 (1) by redesignating paragraph (11) as para-
8 graph (12);

9 (2) in paragraph (10), by striking “and” at the
10 end; and

11 (3) by inserting after paragraph (10) the fol-
12 lowing new paragraph:

13 “(11) provide education, training, and capacity
14 development to enhance the security and resiliency
15 of domestic and global cybersecurity and infrastruc-
16 ture security; and”.

17 (d) ESTABLISHMENT OF TRAINING PROGRAMS.—
18 Subtitle A of title XXII of the Homeland Security Act of
19 2002 (6 U.S.C. 651 et seq.) is amended by adding at the
20 end the following new section:

21 **“SEC. 2215. CYBERSECURITY EDUCATION AND TRAINING**
22 **PROGRAMS.**

23 “(a) ESTABLISHMENT.—

24 “(1) IN GENERAL.—The Cybersecurity Edu-
25 cation and Training Assistance Program (referred to

1 in this section as ‘CETAP’) is established within the
2 Agency.

3 “(2) PURPOSE.—The purpose of CETAP shall
4 be to support the effort of the Agency in building
5 and strengthening a national cybersecurity workforce
6 pipeline capacity through supporting elementary and
7 secondary cybersecurity education, including by—

8 “(A) providing foundational cybersecurity
9 awareness and literacy;

10 “(B) encouraging cybersecurity career ex-
11 ploration; and

12 “(C) supporting the teaching of cybersecu-
13 rity skills in elementary and secondary schools.

14 “(b) REQUIREMENTS.—In carrying out CETAP, the
15 Director shall—

16 “(1) implement a program that—

17 “(A) conducts professional development
18 sessions for educators in elementary and sec-
19 ondary schools;

20 “(B) develops resources for the teaching of
21 elementary and secondary education cybersecu-
22 rity-focused curricula;

23 “(C) provides direct student engagement
24 opportunities through camps and other pro-
25 gramming;

1 “(D) engages with local educational agen-
2 cies and State education agencies to promote
3 awareness of the program;

4 “(E) integrates with existing post-sec-
5 ondary education and workforce development
6 programs at the Department;

7 “(F) partners with cybersecurity and edu-
8 cation stakeholder groups to expand outreach;

9 “(G) increases the participation of women
10 or racial and ethnic minorities underrepresented
11 in science and engineering, or both, in cyberse-
12 curity education activities; and

13 “(H) carry out any other activity the Di-
14 rector determines necessary to meet the purpose
15 described in subsection (a)(2); and

16 “(2) enable the deployment of CETAP nation-
17 wide.

18 “(c) BRIEFINGS.—

19 “(1) IN GENERAL.—Not later than one year
20 after the establishment of CETAP and annually
21 thereafter, the Secretary shall brief the Committee
22 on Homeland Security and Governmental Affairs of
23 the Senate and the Committee on Homeland Secu-
24 rity of the House of Representatives on CETAP.

1 “(2) CONTENTS.—Each briefing conducted
2 under paragraph (1) shall include the following:

3 “(A) Estimated figures on the number of
4 students reached and educators engaged, in-
5 cluding underrepresented students in science
6 and engineering, including women and racial
7 and ethnic minorities.

8 “(B) Information on community outreach
9 and State engagement efforts.

10 “(C) Information on new curricula offer-
11 ings and educator professional development
12 platforms.

13 “(D) Information on coordination with
14 post-secondary education and workforce devel-
15 opment programs at the Department.

16 “(d) MISSION PROMOTION.—The Director may use
17 appropriated amounts to purchase promotional and rec-
18 ognition items and marketing and advertising services to
19 publicize and promote the mission and services of the
20 Agency, support the activities of the Agency, and to re-
21 cruit and retain Agency personnel.

22 “(e) DEFINITIONS.—The terms ‘elementary school’,
23 ‘local educational agency’, ‘professional development’, ‘sec-
24 ondary school’, and ‘State educational agency’ have the
25 meanings given such terms in section 8101 of the Elemen-

1 tary and Secondary Education Act of 1965 (20 U.S.C.
2 7801).”.”.

3 (e) TECHNICAL AND CONFORMING AMENDMENT.—

4 The table of contents in section 1(b) of the Homeland Se-
5 curity Act of 2002 is amended by inserting after the item
6 relating to section 2214 the following new item:

“Sec. 2215. Cybersecurity education and training programs.”.

