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(Original Signature of Member)

118TH CONGRESS  
2D SESSION

**H. R.** \_\_\_\_\_

To provide personnel of the Department of Defense with increased access to training and education in artificial intelligence and machine learning, and for other purposes.

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IN THE HOUSE OF REPRESENTATIVES

Mr. LARSEN of Washington introduced the following bill; which was referred to the Committee on \_\_\_\_\_

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**A BILL**

To provide personnel of the Department of Defense with increased access to training and education in artificial intelligence and machine learning, 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 “Next Generation Mili-  
5 tary Education Act”.

1 **SEC. 2. MODIFICATION TO ARTIFICIAL INTELLIGENCE EDU-**  
2 **CATION STRATEGY.**

3 Section 256 of the National Defense Authorization  
4 Act for Fiscal Year 2020 (Public Law 116–92; 133 Stat.  
5 1290) is amended by adding at the end the following new  
6 subsection:

7 “(d) ARTIFICIAL INTELLIGENCE AND MACHINE  
8 LEARNING EDUCATION PLATFORMS.—

9 “(1) IN GENERAL.—Not later than 180 days  
10 after the date of the enactment of this subsection,  
11 the Chief Digital and Artificial Intelligence Officer  
12 of the Department of Defense, in coordination with  
13 the Under Secretary of Defense for Personnel and  
14 Readiness, shall—

15 “(A) develop a set of distance education  
16 courses on—

17 “(i) the foundational concepts of arti-  
18 ficial intelligence and machine learning;  
19 and

20 “(ii) the responsible and ethical use of  
21 artificial intelligence and machine learning  
22 applications; and

23 “(B) make such courses available to mem-  
24 bers of the Armed Forces.

25 “(2) ELEMENTS.—The courses developed under  
26 paragraph (1) shall address—

1           “(A) basic artificial intelligence literacy to  
2           enable members of the Armed Forces to make  
3           informed decisions about the use of artificial in-  
4           telligence products and services, including—

5                   “(i) a basic understanding of the  
6                   strengths and limitations of artificial intel-  
7                   ligence products and services;

8                   “(ii) a basic understanding of the cat-  
9                   egories of artificial intelligence technologies  
10                  (including classification, prediction, prod-  
11                  uct recommendation, autonomous decision  
12                  making, voice dictation and machine trans-  
13                  lation, and the generation of content such  
14                  as text, image, video, and speech) and the  
15                  manner in which such categories relate to  
16                  different capabilities, benefits, and risks;

17                  “(iii) an awareness of best practices  
18                  for the protection of personal data and  
19                  personal identifying information based  
20                  upon privacy and classification require-  
21                  ments;

22                  “(iv) an awareness of ethical consider-  
23                  ations in the use of artificial intelligence  
24                  products and services;

1           “(v) the ability to identify common in-  
2           dicators of artificial intelligence-generated  
3           content; and

4           “(vi) an awareness of common at-  
5           tempts to employ artificial intelligence-gen-  
6           erated content to deceive or defraud con-  
7           sumers; and

8           “(B) any other artificial intelligence lit-  
9           eracy skill the Chief Digital and Artificial Intel-  
10          ligence Officer and the Under Secretary of De-  
11          fense for Personnel and Readiness consider ap-  
12          propriate.

13          “(3) MILITARY DEPARTMENT PARTICIPA-  
14          TION.—Not later than 180 days after the date of the  
15          enactment of this subsection, each Secretary of a  
16          military department shall—

17                 “(A) ensure that members of the Armed  
18                 Forces under the jurisdiction of such Secretary  
19                 have the ability to access the distance education  
20                 courses made available under paragraph (1);

21                 “(B) notify members of the availability of  
22                 such courses and provide a description of the  
23                 course content; and

24                 “(C) provide members with instructions for  
25                 accessing such courses.

1           “(4) REPORT.—Not later than 270 days after  
2           the date of the enactment of this subsection, the  
3           Secretary of Defense shall submit to the congress-  
4           sional defense committees a report on the status of  
5           the activities required under this section.

6           “(5) DEFINITIONS.—In this subsection:

7                   “(A) The term ‘artificial intelligence’ has  
8                   the meaning given that term in section 5002 of  
9                   the William M. (Mac) Thornberry National De-  
10                  fense Authorization Act for Fiscal Year 2021  
11                  (Public Law 116–283; 15 U.S.C. 9401).

12                   “(B) The term ‘artificial intelligence lit-  
13                  eracy’ means the ability to make informed use  
14                  of products and services that employ artificial  
15                  intelligence.”.

16 **SEC. 3. EXPANSION OF PARTICIPATION IN THE DIGITAL ON-**  
17 **DEMAND PROGRAM.**

18           (a) IN GENERAL.—The Secretary of Defense shall  
19           take such steps as may be necessary—

20                   (1) to expand participation in the Digital On-  
21                  Demand Program to—

22                           (A) all organizations and elements of the  
23                           Department of Defense; and

24                           (B) all members of the Armed Forces and  
25                           civilian employees of the Department; and

1           (2) to actively promote the Program throughout  
2           the Department.

3           (b) REPORT.—Not later than 180 days after the date  
4           of the enactment of this Act, and on an annual basis there-  
5           after through 2029, the Secretary of Defense shall submit  
6           to the Committees on Armed Services of the Senate and  
7           the House of Representatives a report on the progress of  
8           the Secretary in expanding and promoting the Digital On-  
9           Demand Program as described in subsection (a).

10 **SEC. 4. INCORPORATION OF ARTIFICIAL INTELLIGENCE**  
11                           **MATTERS INTO ANNUAL CYBERSECURITY**  
12                           **TRAINING.**

13           In conjunction with the activities required under sec-  
14           tions 2 and 3, the Secretary of Defense shall ensure that  
15           information on the risks and threats of artificial intel-  
16           ligence is incorporated into the annual cybersecurity train-  
17           ing courses required to be completed by members of the  
18           Armed Forces and civilian employees of the Department  
19           of Defense.

20 **SEC. 5. DEFINITIONS.**

21           In this Act:

22           (1) The term “artificial intelligence” has the  
23           meaning given that term in section 5002 of the Wil-  
24           liam M. (Mac) Thornberry National Defense Author-

1        ization Act for Fiscal Year 2021 (Public Law 116–  
2        283; 15 U.S.C. 9401).

3            (2) The term “Digital On-Demand Program”  
4        means the program overseen by the Chief Digital  
5        and Artificial Intelligence Officer of the Department  
6        of Defense pursuant to which educational resources  
7        on artificial intelligence, emerging technologies, data  
8        literacy, and related topics are made available to  
9        personnel of the Department of Defense through a  
10       digital platform on an on-demand basis.