

SENATE BILL 801

C8, F2

(3lr0980)

ENROLLED BILL

— Finance/Health and Government Operations and Economic Matters —

Introduced by ~~Senator Hester~~ Senators Hester and Jennings

Read and Examined by Proofreaders:

Proofreader.

Proofreader.

Sealed with the Great Seal and presented to the Governor, for his approval this

_____ day of _____ at _____ o'clock, _____ M.

President.

CHAPTER _____

1 AN ACT concerning

2 **Economic Development – Cybersecurity – Cyber Maryland Program**

3 FOR the purpose of establishing the Cyber Maryland Program in the Maryland Technology
4 Development Corporation to increase the cybersecurity workforce in the State, build
5 an advanced cybersecurity workforce, and carry out other purposes related to the
6 cybersecurity workforce in the State; establishing the Cyber Maryland Fund;
7 establishing the Cyber Maryland Board; requiring the Maryland Higher Education
8 Commission, in consultation with a certain organization, to expand the Cyber
9 Warrior Diversity Program under certain circumstances on or before a certain date
10 each year; repealing the requirement that the Commission allocate certain funds to
11 certain institutions in the Cyber Warrior Diversity Program on a certain basis;
12 establishing requirements related to unexpended funds allocated by the Commission
13 under the Cyber Warrior Diversity Program; and generally relating to the Cyber
14 Maryland Program.

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.

Italics indicate opposite chamber/conference committee amendments.



1 BY adding to
2 Article – Economic Development
3 Section 10–496
4 Annotated Code of Maryland
5 (2018 Replacement Volume and 2022 Supplement)

6 BY repealing and reenacting, without amendments,
7 Article – Education
8 Section 11–1401(a), (c), and (d)
9 Annotated Code of Maryland
10 (2022 Replacement Volume)

11 BY repealing and reenacting, with amendments,
12 Article – Education
13 Section 11–1402 and 11–1405
14 Annotated Code of Maryland
15 (2022 Replacement Volume)

16 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
17 That the Laws of Maryland read as follows:

18 **Article – Economic Development**

19 **10–496.**

20 **(A) (1) IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS**
21 **INDICATED.**

22 **(2) “BOARD” MEANS THE CYBER MARYLAND BOARD.**

23 **(3) “PROGRAM” MEANS THE CYBER MARYLAND PROGRAM.**

24 **(B) THERE IS A CYBER MARYLAND PROGRAM IN THE CORPORATION.**

25 **(C) THE PURPOSES OF THE PROGRAM ARE TO:**

26 **(1) CREATE AND EXECUTE A TALENT PIPELINE THAT MATERIALLY**
27 **REDUCES WORKFORCE VACANCIES BY JULY 1, 2026;**

28 **(2) SERVE AS A ONE–STOP SHOP FOR EMPLOYERS SEEKING TO**
29 **LEVERAGE CYBER WORKFORCE DEVELOPMENT PROGRAMS OFFERED BY THE STATE**
30 **AND ITS PARTNERS;**

31 **(3) INFORM CYBERSECURITY TRAINING AND EDUCATION PROGRAMS**
32 **OPERATED BY PUBLIC OR PRIVATE ENTITIES WITH INDUSTRY–DRIVEN NEEDS;**

1 **(4) BUILD THE MOST ADVANCED LOCAL AND STATE INFORMATION**
2 **TECHNOLOGY WORKFORCE IN THE NATION, WHICH, TO THE MAXIMUM EXTENT**
3 **POSSIBLE, REFLECTS THE RACIAL, GENDER, ETHNIC, AND GEOGRAPHIC DIVERSITY**
4 **OF THE STATE;**

5 **(5) COORDINATE AND ACCELERATE CYBERSECURITY RESEARCH AND**
6 **INNOVATION IN THE STATE; AND**

7 **(6) SUPPORT THE EFFORTS OF THE DEPARTMENT OF INFORMATION**
8 **TECHNOLOGY TO IMPROVE THE STATE GOVERNMENT’S CYBERSECURITY POSTURE,**
9 **INCLUDING STATE AGENCIES, LOCAL GOVERNMENT UNITS, AND CRITICAL**
10 **INFRASTRUCTURE.**

11 **(D) THE PROGRAM SHALL:**

12 **(1) CONDUCT ONGOING RESEARCH BY COLLABORATING WITH THE**
13 **CYBERSECURITY ASSOCIATION OF MARYLAND, INC., CYBERSECURITY TALENT**
14 **ADVISORY BOARD TO COLLECT AND ANALYZE REAL-TIME INDUSTRY DATA TO**
15 **IDENTIFY CYBERSECURITY WORKFORCE NEEDS AS DESCRIBED IN THE U.S.**
16 **CHAMBER OF COMMERCE TALENT PIPELINE MANAGEMENT APPROACH;**

17 **(2) USE THE RESULTS OF THE RESEARCH DESCRIBED IN ITEM (1) OF**
18 **THIS SUBSECTION TO INCREASE THE EFFECTIVENESS OF EXISTING STATE**
19 **CYBERSECURITY WORKFORCE PROGRAMS FOR EMPLOYERS IN THE STATE;**

20 **(3) FACILITATE PARTNERSHIPS FOR NEW TRAINING AND EDUCATION**
21 **PROGRAMS TO ADDRESS THE WORKFORCE NEEDS IDENTIFIED UNDER ITEM (1) OF**
22 **THIS SUBSECTION;**

23 **(4) DEVELOP A STATEWIDE STRATEGIC PLAN FOR CYBERSECURITY**
24 **WORKFORCE DEVELOPMENT, USING THE RESULTS OF THE RESEARCH DESCRIBED IN**
25 **ITEM (1) OF THIS SUBSECTION AND WITH INPUT FROM THE CYBERSECURITY**
26 **ASSOCIATION OF MARYLAND, INC., CYBERSECURITY TALENT ADVISORY BOARD ON**
27 **OR BEFORE DECEMBER 1, 2023;**

28 **(5) ADMINISTER AND MANAGE THE CYBER MARYLAND FUND; AND**

29 **(6) ENSURE THAT OUTCOMES OF THE PROGRAM ARE INCLUSIVE AND,**
30 **TO THE MAXIMUM EXTENT PRACTICABLE, REFLECT THE RACIAL, GENDER, ETHNIC,**
31 **AND GEOGRAPHIC DIVERSITY OF THE STATE.**

32 **(E) (1) IN THIS SUBSECTION, “FUND” MEANS THE CYBER MARYLAND**
33 **FUND.**

1 **(2) THERE IS A CYBER MARYLAND FUND.**

2 **(3) THE PURPOSES OF THE FUND ARE TO:**

3 **(I) ACHIEVE THE PURPOSES IDENTIFIED UNDER SUBSECTION**
4 **(C) OF THIS SECTION; AND**

5 **(II) SUPPORT INNOVATIVE APPROACHES TO MEETING**
6 **CYBERSECURITY WORKFORCE NEEDS.**

7 **(4) THE PROGRAM SHALL ADMINISTER THE FUND.**

8 **(5) (I) THE FUND IS A SPECIAL, NONLAPSING FUND THAT IS NOT**
9 **SUBJECT TO § 7-302 OF THE STATE FINANCE AND PROCUREMENT ARTICLE.**

10 **(II) THE STATE TREASURER SHALL HOLD THE FUND**
11 **SEPARATELY, AND THE COMPTROLLER SHALL ACCOUNT FOR THE FUND.**

12 **(6) THE FUND CONSISTS OF:**

13 **(I) MONEY APPROPRIATED IN THE STATE BUDGET TO THE**
14 **FUND; AND**

15 **(II) ANY OTHER MONEY FROM ANY OTHER SOURCE ACCEPTED**
16 **FOR THE BENEFIT OF THE FUND.**

17 **(7) THE FUND MAY BE USED ONLY FOR:**

18 **(I) ADMINISTERING THE PROGRAM; AND**

19 **(II) PROVIDING GRANTS TO ELEMENTARY AND SECONDARY**
20 **SCHOOLS, INSTITUTIONS OF HIGHER EDUCATION, INCLUDING COMMUNITY**
21 **COLLEGES, FOR-PROFIT CORPORATIONS, AND NONPROFIT ORGANIZATIONS TO**
22 **OPERATE CYBERSECURITY PROGRAMS BASED ON THE STRATEGIC PLAN OF THE**
23 **PROGRAM.**

24 **(8) (I) THE STATE TREASURER SHALL INVEST THE MONEY OF THE**
25 **FUND IN THE SAME MANNER AS OTHER STATE MONEY MAY BE INVESTED.**

26 **(II) ANY INTEREST EARNINGS OF THE FUND SHALL BE**
27 **CREDITED TO THE GENERAL FUND OF THE STATE.**

28 **(9) EXPENDITURES FROM THE FUND MAY BE MADE ONLY IN**
29 **ACCORDANCE WITH THE STATE BUDGET.**

1 **(10) FOR FISCAL YEAR 2025 AND EACH YEAR THEREAFTER, THE**
2 **GOVERNOR ~~SHALL~~ MAY INCLUDE IN THE ANNUAL BUDGET BILL AN APPROPRIATION**
3 **OF \$250,000 FOR THE FUND.**

4 **(11) ~~FOR~~ SUBJECT TO THE AVAILABILITY OF FUNDING, FOR FISCAL**
5 **YEAR 2025 AND EACH YEAR THEREAFTER, \$250,000 OF THE FUND SHALL BE USED**
6 **FOR IMPLEMENTING THE U.S. CHAMBER OF COMMERCE TALENT PIPELINE**
7 **MANAGEMENT APPROACH.**

8 **(12) (I) THE GOVERNOR SHALL INCLUDE IN THE ANNUAL BUDGET**
9 **BILL AN APPROPRIATION IN AN AMOUNT SUFFICIENT FOR HIRING INDIVIDUALS TO**
10 **CONDUCT THE DUTIES OF THE PROGRAM, INCLUDING AN EXECUTIVE DIRECTOR**
11 **AND AT LEAST ONE ADMINISTRATOR.**

12 **(II) THE EXECUTIVE DIRECTOR SHALL:**

- 13 1. **BE APPOINTED BY THE CHIEF EXECUTIVE OFFICER;**
- 14 2. **HAVE RELEVANT QUALIFICATIONS AND EXPERIENCE**
15 **WITH THE ACTIVITIES AND PURPOSES OF THE PROGRAM; AND**
- 16 3. **SERVE AT THE PLEASURE OF THE CHIEF EXECUTIVE**
17 **OFFICER.**

18 **(F) (1) THERE IS A CYBER MARYLAND BOARD.**

19 **(2) THE BOARD CONSISTS OF THE FOLLOWING MEMBERS:**

20 **(I) THE SENATE AND HOUSE OF DELEGATES COCHAIRS OF THE**
21 **JOINT COMMITTEE ON CYBERSECURITY, INFORMATION TECHNOLOGY, AND**
22 **BIOTECHNOLOGY;**

23 **(II) THE SECRETARY, OR THE SECRETARY'S DESIGNEE;**

24 **(III) THE SECRETARY OF LABOR, OR THE SECRETARY'S**
25 **DESIGNEE;**

26 **(IV) THE MARYLAND SECRETARY OF VETERANS AFFAIRS, OR**
27 **THE SECRETARY'S DESIGNEE;**

28 **(V) THE SECRETARY OF INFORMATION TECHNOLOGY, OR THE**
29 **SECRETARY'S DESIGNEE;**

1 (VI) THE CHAIR OF THE BOARD OF DIRECTORS OF THE
2 CYBERSECURITY ASSOCIATION OF MARYLAND, INC., OR THE CHAIR'S DESIGNEE;

3 (VII) THE CHAIR OF THE MARYLAND WORKFORCE ASSOCIATION,
4 OR THE CHAIR'S DESIGNEE;

5 (VIII) THE FOLLOWING MEMBERS, APPOINTED BY THE
6 GOVERNOR:

7 1. FIVE MEMBERS FROM THE PRIVATE SECTOR WITH
8 CYBERSECURITY NEEDS;

9 2. ONE REPRESENTATIVE FROM A NONPROFIT
10 ORGANIZATION WITH EXPERTISE IN CYBERSECURITY TALENT DEVELOPMENT;

11 3. ONE REPRESENTATIVE FROM A COMMUNITY
12 COLLEGE;

13 4. ONE REPRESENTATIVE FROM A 4-YEAR, PUBLIC
14 HBCU COLLEGE;

15 5. ONE REPRESENTATIVE FROM A 4-YEAR, PUBLIC
16 COLLEGE; AND

17 (IX) THE CHIEF EXECUTIVE OFFICER, OR THE CHIEF
18 EXECUTIVE OFFICER'S DESIGNEE.

19 (3) (I) SUBJECT TO SUBPARAGRAPH (II) OF THIS PARAGRAPH, THE
20 MEMBERS OF THE BOARD SHALL ELECT A CHAIR FROM AMONG THE MEMBERS OF
21 THE BOARD.

22 (II) THE CHAIR MAY NOT BE:

23 1. A STATE EMPLOYEE; OR

24 2. THE CHIEF EXECUTIVE OFFICER.

25 (4) THE BOARD SHALL:

26 (I) PROVIDE INPUT REGARDING THE DEVELOPMENT OF THE
27 STATEWIDE CYBERSECURITY WORKFORCE DEVELOPMENT STRATEGIC PLAN
28 REQUIRED UNDER SUBSECTION (D)(4) OF THIS SECTION;

1 (4) The Board of Regents of Morgan State University;

2 (5) The President of the University of Maryland Eastern Shore; and

3 (6) The President of the University of Maryland Baltimore County
4 Training Centers.

5 (d) "Program" means a Cyber Warrior Diversity Program.

6 11-1402.

7 (a) There is a Cyber Warrior Diversity Program at:

8 (1) Baltimore City Community College;

9 (2) Bowie State University;

10 (3) Coppin State University;

11 (4) Morgan State University;

12 (5) The University of Maryland Eastern Shore; and

13 (6) The University of Maryland Baltimore County Training Centers that
14 are located in the State.

15 (b) The purpose of each Program is to train students in computer networking and
16 cybersecurity.

17 (c) The governing entity at each institution is responsible for administering the
18 Program at that institution.

19 **(D) ON OR BEFORE JULY 1 EACH YEAR, BEGINNING IN 2024, THE**
20 **COMMISSION, IN CONSULTATION WITH THE CYBERSECURITY ASSOCIATION OF**
21 **MARYLAND, INC., SHALL, IF APPLICABLE, EXPAND THE PROGRAM TO**
22 **ACCOMMODATE ANY CHANGES IN CERTIFICATION TRENDS IDENTIFIED UNDER §**
23 **10-496 OF THE ECONOMIC DEVELOPMENT ARTICLE.**

24 11-1405.

25 (a) Subject to the requirements of this section, for fiscal year 2020 and each fiscal
26 year thereafter, the Governor shall include in the annual State operating budget an
27 appropriation of \$2,500,000 for the Commission to provide grants to Baltimore City
28 Community College, Bowie State University, Coppin State University, Morgan State

1 University, the University of Maryland Eastern Shore, and the University of Maryland
2 Baltimore County Training Centers for the Program established under this section.

3 (b) Grants provided under subsection (a) of this section shall be in the amount of:

4 (1) At least \$10,000 per student at:

5 (i) Baltimore City Community College;

6 (ii) Bowie State University;

7 (iii) Coppin State University;

8 (iv) Morgan State University; and

9 (v) The University of Maryland Eastern Shore; and

10 (2) \$500 per student at the University of Maryland Baltimore County
11 Training Centers, for the purpose of participation in job apprenticeship events.

12 (c) On or before December 15, 2019, and each December 15 thereafter, the
13 governing entities shall notify the Commission of the number of students enrolled in each
14 institution's Program for the current academic year.

15 (d) [(1)] The funding provided in each fiscal year in accordance with this section
16 shall supplement, but not supplant, any funds that would otherwise be provided for each
17 institution.

18 [(2) The Commission annually shall allocate funds to Baltimore City
19 Community College, Bowie State University, Coppin State University, Morgan State
20 University, the University of Maryland Eastern Shore, and the University of Maryland
21 Baltimore County Training Centers on a pro rata basis according to the most recent
22 enrollment data required under subsection (c) of this section.]

23 **(E) NOTWITHSTANDING § 7-302 OF THE STATE FINANCE AND**
24 **PROCUREMENT ARTICLE, AT THE END OF EACH FISCAL YEAR, ANY UNEXPENDED**
25 **FUNDS ALLOCATED BY THE COMMISSION UNDER THIS SECTION SHALL:**

26 **(1) REVERT TO THE COMMISSION TO BE ALLOCATED UNDER THIS**
27 **SECTION FOR THE UPCOMING FISCAL YEAR; AND**

28 **(2) BE USED TO SUPPLEMENT, BUT NOT SUPPLANT, THE AMOUNT**
29 **REQUIRED TO BE APPROPRIATED TO THE COMMISSION TO BE ALLOCATED UNDER**
30 **THIS SECTION FOR THE UPCOMING FISCAL YEAR.**

31 SECTION 2. AND BE IT FURTHER ENACTED, That:

1 (a) In this section, “Program” means the Cyber Maryland Program established
2 under § 10–496 of the Economic Development Article, as enacted by Section 1 of this Act.

3 (b) It is the intent of the General Assembly that:

4 (1) the Program immediately consider the Cybersecurity Pathways Across
5 Maryland from the U.S. Department of Labor’s Trade Adjustment Assistance Community
6 College & Career Training (2014–2018) as an immediate, proven, and scalable mechanism
7 to fill jobs; and

8 (2) in implementing the plan required under § 10–496(d)(4) of the
9 Economic Development Article, as enacted by Section 1 of this Act, the Program consider:

10 (i) the role and scale of the following programs:

- 11 1. K–12 Career Pathways & Teacher Externships;
- 12 2. the Maryland Technology Internship Program;
- 13 3. the Maryland EARN Program;
- 14 4. the Maryland Apprenticeship & Training Program; and
- 15 5. the Cyber Warrior Diversity Program; and

16 (ii) the development of cyber range scenarios and provision of cyber
17 range training through appropriate partners.

18 SECTION 3. AND BE IT FURTHER ENACTED, That, for fiscal year 2025 and each
19 year thereafter, funds from the Dedicated Purpose Account may be transferred by budget
20 amendment in accordance with § 7–310 of the State Finance and Procurement Article to
21 implement this Act.

22 SECTION 4. AND BE IT FURTHER ENACTED, That this Act shall take effect July
23 1, 2023.