

(Audio archived recordings of the committee meetings, corresponding to the date of the committee statement, **may possibly** be found at www.njleg.state.nj.us)

FLOOR AMENDMENT STATEMENT: Yes

LEGISLATIVE FISCAL ESTIMATE: Yes 06/23/2023
01/09/2024

VETO MESSAGE: No

GOVERNOR'S PRESS RELEASE ON SIGNING: Yes

FOLLOWING WERE PRINTED:

To check for circulating copies, contact New Jersey State Government Publications at the State Library (609) 278-2640 ext.103 or <mailto:refdesk@njstatelib.org>

REPORTS: No

HEARINGS: No

NEWSPAPER ARTICLES: Yes

Matthew Fazelpoor, 'Murphy takes action on slew of legislation', *NJBIZ*, 17 Jan 2024

CL/MM

§1
C.18A:64A-89
and Note to
§§3 thru 7
§2
C.18A:64A-90
§§3,4
C.52:16A-136.2
and 52:16A-136.3
§§5-7
C.34:15C-24
to 34:15C-26

P.L. 2023, CHAPTER 268, *approved January 16, 2024*
Senate, No. 659 (*Third Reprint*)

1 AN ACT concerning the promotion of the manufacturing industry in
2 higher education and supplementing Title 18A of the New Jersey
3 Statutes, Title 34 of the Revised Statutes, and Title 52 of the
4 Revised Statutes.

5
6 **BE IT ENACTED** by the Senate and General Assembly of the State
7 of New Jersey:

8
9 1. ³**[¹This]** Sections 3 through 5 of this¹ **This**³ act shall be
10 known and may be cited as the “Manufacturing in Higher Education
11 Act.”

12
13 2. a. The ¹**[Secretary of Higher Education]** Commissioner of
14 Labor and Workforce Development¹, in consultation with the
15 Commissioner of Education, the ¹**[Commissioner of Labor and**
16 **Workforce Development]** Secretary of Higher Education¹, the New
17 Jersey Council of County Colleges, ²**[the New Jersey Council of**
18 **County Vocational Schools,]**² and representatives of the business
19 community, shall ¹**[design a]** promote and support the
20 implementation of the¹ manufacturing career pathway ¹**[to be]**¹
21 offered through the ¹**[county colleges and county vocational school**
22 **districts]** New Jersey Pathways to Career Opportunities Initiative
23 operated by the New Jersey Community College Consortium for
24 Workforce Development¹ to provide students interested in pursuing
25 a career in manufacturing with the instruction and skills necessary
26 to gain employment in the manufacturing or advanced
27 manufacturing sectors.

EXPLANATION – Matter enclosed in bold-faced brackets **[thus]** in the above bill is not enacted and is intended to be omitted in the law.

Matter underlined **thus** is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹Senate SBA committee amendments adopted June 6, 2022.

²Assembly AHI committee amendments adopted October 13, 2022.

³Assembly floor amendments adopted December 21, 2023.

1 b. The manufacturing career pathway required pursuant to
2 subsection a. of this section shall include traditional and advanced
3 manufacturing processes and methods of production including, but
4 not limited to, the machinery, technology, tools, and equipment
5 used in a wide range of manufacturing industries.

6 ¹c. The Commissioner of Labor and Workforce Development
7 shall adopt rules and regulations pursuant to the “Administrative
8 Procedure Act,” P.L.1968, c.410 (C.52:14B-1 et seq.), necessary to
9 effectuate the purposes of this section.¹

10
11 ¹[3. a. The Secretary of Higher Education, in consultation with
12 the Commissioner of Labor and Workforce Development and the
13 New Jersey Economic Development Authority, shall establish the
14 New Jersey STEM Entrepreneur Fellowship Program in county
15 colleges and four-year institutions of higher education.

16 b. The secretary shall work in consultation with the New Jersey
17 Economic Development Authority and the Commissioner of Labor
18 and Workforce Development to fund no less than 20 fellowships,
19 administered by the secretary, which focus on supporting
20 entrepreneurs in the Science, Technology, Engineering and
21 Mathematics (STEM) fields. The fellowships may be provided to
22 individuals who have proven to the secretary that they have an idea
23 to create, advance or develop a product in the STEM field which
24 will have a beneficial impact on society and will result in a self-
25 sustaining business in the future.

26 The fellowships shall be issued for three years each and shall be
27 used primarily to support the entrepreneurs in commercializing the
28 idea and developing a well-structured business.

29 Priority will be given to fellowships which are submitted with
30 the support of an incubator supported by the State of New Jersey or
31 any of its public entities.

32 c. The secretary, in consultation with the New Jersey
33 Economic Development Authority, shall conduct an evaluation of
34 the effectiveness of the New Jersey STEM Entrepreneur Fellowship
35 Program to establish new businesses no later than five years after
36 the approval of the first fellowship.]¹

37
38 ¹[4.] ³[3. ¹a. The Secretary of Higher Education shall establish a
39 “Higher Education Manufacturing Grant Program.” The program
40 shall be administered by a three-person commission which shall
41 include: the Secretary of Higher Education, or a designee, who shall
42 serve as chair of the commission; a representative of the New Jersey
43 Manufacturing Extension Program; and a representative of the New
44 Jersey Community College Consortium for Workforce and
45 Economic Development. The commission shall annually award \$10
46 million to New Jersey institutions of higher education, proprietary
47 institutions, and county vocational school districts for the purpose

1 of establishing or expanding programs in the manufacturing fields
 2 ¹, and marketing and promoting current programs in the
 3 manufacturing fields¹. The grants shall be allocated on a
 4 competitive basis and shall be distributed as follows:

5 (1) 50 percent of program funding shall be awarded to county
 6 colleges;

7 (2) 25 percent of program funding shall be awarded to four-year
 8 institutions of higher education and proprietary institutions; and

9 (3) 25 percent of program funding shall be awarded to county
 10 vocational school districts.

11 b. A grant recipient shall use the funds to establish or expand
 12 programs and curricula in the fields of manufacturing,
 13 manufacturing engineering, or advanced manufacturing. ¹A grant
 14 recipient may also use the funds for marketing and promoting
 15 current programs in the manufacturing fields.¹

16 c. To be eligible for consideration of a grant award, an
 17 institution of higher education, proprietary institution, or county
 18 vocational school district shall submit an application to the
 19 commission, in accordance with application procedures and
 20 requirements prescribed by the secretary. A grant application shall
 21 include a complete description of the applicant's specific plans and
 22 objectives for the use of the grant funds and any other information
 23 specified by the secretary. ¹A grant application from a county
 24 college or county vocational school district ²[shall] may² also
 25 include a description of how the applicant would integrate their
 26 program into existing workforce development programs, including
 27 the manufacturing program within the New Jersey Pathways to
 28 Career Opportunities Initiative operated by the New Jersey
 29 Community College Consortium for Workforce and Economic
 30 Development.¹

31 d. The commission, in accordance with any rules prescribed by
 32 the secretary, shall establish selection criteria for the awarding of
 33 grant funds under the program, and shall award grants through a
 34 competitive process based upon review of the applications and
 35 subject to the availability of funds. The commission shall establish
 36 the amount for each grant that is approved.

37 e. As used in this section, "proprietary institution" shall be
 38 limited to proprietary institutions that have received accreditation
 39 from an accrediting body recognized by the United States
 40 Department of Education. **]²]³**

41

42 **¹[5.]³[4.¹** a. There is created within the Office of the
 43 Secretary of Higher Education a fund to be known as the "Higher
 44 Education Manufacturing Grant Fund." The fund shall be used to
 45 provide grants to New Jersey institutions of higher education,
 46 proprietary institutions, and county vocational school districts under
 47 the "Higher Education Manufacturing Grant Program" established

1 pursuant to section ²~~4~~ ³ of P.L. , c. (C.) (pending before
2 the Legislature as this bill).

3 b. The fund shall be annually credited with money appropriated
4 by the State, any moneys received by the State from corporate
5 donors or other private sector support, and any federal funds which
6 may become available for higher education and manufacturing-
7 related purposes. ³

8
9 ¹~~6~~ ³~~5~~ ¹ The Secretary of Higher Education shall adopt rules
10 and regulations pursuant to the “Administrative Procedure Act,”
11 P.L.1968, c.410 (C.52:14B-1 et seq.), necessary to effectuate the
12 purposes of ¹~~section 2 through section 5~~ sections 3 and 4 ¹ of
13 P.L. , c. (C.) (pending before the Legislature as this bill). ³

14
15 ¹~~7~~ a. The Commissioner of Education, in consultation with
16 the Secretary of Higher Education, the Business Action Center in
17 the Department of State, the New Jersey Manufacturing Extension
18 Program, and representatives of business and industry, shall
19 establish and maintain a State-recognized list of industry-
20 recognized credentials in the advanced manufacturing field to assist
21 county vocational school districts, institutions of higher education,
22 and the workforce development system in developing appropriate
23 educational programs to enable students to more adequately meet
24 the advanced technical training needs in this field.

25 b. The Commissioner of Education, in consultation with the
26 Secretary of Higher Education, the Business Action Center in the
27 Department of State, the New Jersey Manufacturing Extension
28 Program, and representatives of business and industry, shall identify
29 courses of study for careers in emerging manufacturing industries,
30 including careers in industrial marketing, mechanical engineering,
31 computer science, electronics, and mechatronics. ¹

32
33 ¹~~8~~ ³~~6~~ ¹ ³ The Secretary of State, in consultation with the
34 Commissioner of Labor and Workforce Development, shall
35 designate an ¹existing or newly hired ¹ employee of the ¹Business
36 Action Center in the ¹ Department of State to act as a liaison
37 between the State and manufacturing businesses located in this
38 State. The duties of the liaison shall be to assist manufacturing
39 businesses by:

40 a. advertising manufacturing businesses’ products or services
41 nationally and internationally through the Business Action Center in
42 the Department of State; ¹~~and~~ ¹

43 b. establishing a business referral service where manufacturing
44 businesses may be referred to other State, federal, or private
45 business resource organizations, such as the New Jersey
46 Manufacturing Extension Program, the State’s Small Business
47 Development Centers, and other business organizations that provide

1 specialized business development assistance, technology
2 information, consulting management, and customized one-to-one
3 counseling concerning business plans and technical assistance with
4 significant business topics and issues¹; and

5 c. identifying and promoting opportunities throughout the State
6 for postsecondary pathway programs to actively reskill and upskill
7 the current workforce to better meet the needs of manufacturing
8 fields¹.

9
10 ¹[9.] ³[7.1] ^{4.}³ a. The Secretary of State, in consultation
11 with the Commissioner of Labor and Workforce Development, the
12 New Jersey Economic Development Authority, and other State
13 departments, agencies, boards, commissions, and authorities, shall
14 direct resources, create incentives, and provide technological,
15 financial, and workforce development opportunities for
16 manufacturing businesses.

17 b. The Secretary of State may call upon any department,
18 authority, commission, board, office, division, or agency of the
19 State to provide any information, resources, or other assistance
20 deemed necessary to carry out the provisions of P.L. , c. (C.)
21 (pending before the Legislature as this bill). This may include, but
22 not be limited to: the New Jersey Economic Development Authority
23 for assistance with manufacturing business funding assistance
24 programs; the Department of Labor and Workforce Development
25 for assistance with developing workforce development strategies for
26 manufacturing businesses; the Department of Transportation and
27 the New Jersey Transit Corporation for assistance with enhancing
28 public transportation operations for employees of manufacturing
29 businesses; the Business Action Center in the Department of State
30 for assistance with manufacturing business attraction, retention, and
31 expansion efforts and advising on smart growth development
32 strategies; and the Department of Community Affairs for assistance
33 to manufacturing businesses participating in the urban enterprise
34 zone program established by P.L.1983, c.303 (C.52:27H-60 et al.).

35
36 ¹[10. a. The New Jersey Economic Development Authority, in
37 consultation with the Business Action Center created in the
38 Department of State and an institution of higher education, may
39 designate an institution of higher education or other entity as a
40 manufacturing and production business resource center to provide
41 services and assistance to manufacturing businesses to assist them
42 to modernize, maximize their efficiency, and expand their
43 production through the development and commercialization of
44 innovative products.

45 b. The authority shall grant this designation to any institution
46 of higher education or other entity that meets qualifications
47 established by the authority. The authority shall base the
48 qualifications upon the ability of the institution or entity to provide

1 specialized services and information to manufacturing and
2 production facilities, which may include specialization in discrete
3 aspects of the manufacturing and production process, or to provide
4 more comprehensive services.

5 c. The authority shall refer a manufacturing business deemed
6 eligible by the authority to a manufacturing and production business
7 resource center or other organization qualified to provide services
8 to small and mid-sized manufacturing businesses, which services
9 shall include, but not be limited to:

10 (1) assistance with product development, including:

11 (a) a preliminary technical evaluation of a product and any
12 design and materials issues,

13 (b) assistance in providing a connection with available research
14 and development resources, prototype development resources, and
15 product evaluation and testing resources, and

16 (c) the selection, implementation and optimization of available
17 technologies;

18 (2) assistance in production planning and inventory control;

19 (3) assistance in identifying appropriate factory and office
20 automation and modernizing production capacity;

21 (4) assistance in identifying sources of supply, including any
22 Internet-based listing of New Jersey-based suppliers of goods and
23 services;

24 (5) assistance in establishing a quality assurance program;

25 (6) assistance with market analysis and development, including
26 assistance in identifying export opportunities, provided by the
27 Business Action Center;

28 (7) assistance with distribution issues;

29 (8) assistance in developing the skills of the existing workforce
30 or procuring skilled workers;

31 (9) referral to financing resources; and

32 (10) assistance in preliminary patent and trademark searches. **1**¹

33

34 **1**[11.] **3**[8.1] **5.**³ a. There is created in the New Jersey State
35 Employment and Training Commission, established pursuant to
36 section 5 of P.L.1989, c.293 (C.34:15C-2), the New Jersey
37 Advanced Manufacturing Council.

38 b. The council shall consist of 11 members who are individuals
39 with experience in the fields of labor, education, or workforce
40 development or training. The **1**[11 members shall be appointed by
41 the]¹ Governor **1**shall appoint nine members¹ as follows: **1**[two
42 members]¹ one member¹ shall be recommended by the Senate
43 President; **1**[two members]¹ one member¹ shall be recommended by
44 the Speaker of the General Assembly; one member shall be
45 recommended by the Minority Leader of the Senate; one member
46 shall be recommended by the Minority Leader of the General
47 Assembly; and, five members shall be recommended by the

1 Governor. ¹The co-chairs of the Legislative Manufacturing Caucus
 2 shall serve as ex officio members of the council.¹ The members
 3 ¹appointed by the Governor¹ shall be appointed for five-year terms,
 4 except, of the members first appointed, ¹~~four~~ three¹ members
 5 shall be appointed for five-year terms, ¹~~four member~~ three
 6 members¹ shall be appointed for three-year terms, and three
 7 members shall be appointed for four-year terms. Each ¹appointed¹
 8 member shall hold office for the term of appointment and until a
 9 successor is appointed and qualified. A member appointed to fill a
 10 vacancy occurring in the ¹appointed¹ membership of the council for
 11 any reason other than the expiration of the term shall have a term of
 12 appointment for the unexpired term only. Vacancies shall be filled
 13 in the same manner as the original appointment. A member may be
 14 appointed for any number of successive terms. Any member
 15 appointed may be removed from the council by the appointing
 16 authority, as the case may be, for cause, after a hearing and may be
 17 suspended by the appointing authority pending the completion of
 18 the hearing.

19 c. Members of the council shall serve without compensation,
 20 but may be reimbursed for necessary expenses incurred in the
 21 performance of their duties as members. Action may be taken and
 22 motions and resolutions may be adopted by the council at a council
 23 meeting by an affirmative vote of a majority of the members. The
 24 council shall elect from its members a chairperson. Advanced
 25 notification for, and copies of the minutes of, each meeting of the
 26 council shall be filed with the Governor, the President of the
 27 Senate, and the Speaker of the General Assembly.

28
 29 ¹~~12.~~ ³~~9.~~ ¹~~6.~~³ The council shall:

30 a. convene and enable industry-led, private-public partnerships
 31 focused on engaging New Jersey institutions of higher education in
 32 manufacturing innovation;

33 b. design and implement an advanced manufacturing initiative
 34 to facilitate collaboration and information sharing across State
 35 departments and agencies;

36 c. assist private companies to enhance technological transfer in
 37 New Jersey manufacturing industries to help companies overcome
 38 technical obstacles to scaling up production of new technologies;
 39 and

40 d. submit an annual report to the Governor, to the Legislature
 41 pursuant to section 2 of P.L.1991, c.164 (C.52:14-19.1), and to the
 42 State Employment and Training Commission, of its assessments and
 43 recommendations to enhance State policy related to the advanced
 44 manufacturing industry in New Jersey.

45
 46 ¹~~13.~~ ³~~10.~~ ¹~~7.~~³ The council is authorized to:

47 a. hold public hearings;

1 b. employ staff, responsible to the Executive Director of the
2 State Employment and Training Commission, to assist the council
3 to implement the purposes of this act; and

4 c. avail itself of the services of the employees and have access
5 to the records of any instrumentality of the State, as necessary or
6 useful to implement the purposes of this act.

7

8 ¹[14.] ³[11.1] 8.³ This act shall take effect immediately.

9

10

11

12

13 “Manufacturing in Higher Education Act”; requires various State
14 entities to promote manufacturing career pathways for students and
15 provides assistance to manufacturing industry.

SENATE, No. 659

STATE OF NEW JERSEY 220th LEGISLATURE

PRE-FILED FOR INTRODUCTION IN THE 2022 SESSION

Sponsored by:

Senator STEVEN V. OROHO

District 24 (Morris, Sussex and Warren)

Senator LINDA R. GREENSTEIN

District 14 (Mercer and Middlesex)

Co-Sponsored by:

**Senators Corrado, Singleton, Testa, Cunningham, Gopal, A.M.Bucco and
Zwicker**

SYNOPSIS

“Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.

CURRENT VERSION OF TEXT

Introduced Pending Technical Review by Legislative Counsel.



(Sponsorship Updated As Of: 6/6/2022)

1 AN ACT concerning the promotion of the manufacturing industry in
2 higher education and supplementing Title 18A of the New Jersey
3 Statutes, Title 34 of the Revised Statutes, and Title 52 of the
4 Revised Statutes.

5

6 BE IT ENACTED *by the Senate and General Assembly of the State*
7 *of New Jersey:*

8

9 1. This act shall be known and may be cited as the
10 “Manufacturing in Higher Education Act.”

11

12 2. a. The Secretary of Higher Education, in consultation with
13 the Commissioner of Education, the Commissioner of Labor and
14 Workforce Development, the New Jersey Council of County
15 Colleges, the New Jersey Council of County Vocational Schools,
16 and representatives of the business community, shall design a
17 manufacturing career pathway to be offered through the county
18 colleges and county vocational school districts to provide students
19 interested in pursuing a career in manufacturing with the instruction
20 and skills necessary to gain employment in the manufacturing or
21 advanced manufacturing sectors.

22 b. The manufacturing career pathway required pursuant to
23 subsection a. of this section shall include traditional and advanced
24 manufacturing processes and methods of production including, but
25 not limited to, the machinery, technology, tools, and equipment
26 used in a wide range of manufacturing industries.

27

28 3. a. The Secretary of Higher Education, in consultation with
29 the Commissioner of Labor and Workforce Development and the
30 New Jersey Economic Development Authority, shall establish the
31 New Jersey STEM Entrepreneur Fellowship Program in county
32 colleges and four-year institutions of higher education.

33 b. The secretary shall work in consultation with the New Jersey
34 Economic Development Authority and the Commissioner of Labor
35 and Workforce Development to fund no less than 20 fellowships,
36 administered by the secretary, which focus on supporting
37 entrepreneurs in the Science, Technology, Engineering and
38 Mathematics (STEM) fields. The fellowships may be provided to
39 individuals who have proven to the secretary that they have an idea
40 to create, advance or develop a product in the STEM field which
41 will have a beneficial impact on society and will result in a self-
42 sustaining business in the future.

43 The fellowships shall be issued for three years each and shall be
44 used primarily to support the entrepreneurs in commercializing the
45 idea and developing a well-structured business.

46 Priority will be given to fellowships which are submitted with
47 the support of an incubator supported by the State of New Jersey or
48 any of its public entities.

1 c. The secretary, in consultation with the New Jersey
2 Economic Development Authority, shall conduct an evaluation of
3 the effectiveness of the New Jersey STEM Entrepreneur Fellowship
4 Program to establish new businesses no later than five years after
5 the approval of the first fellowship.
6

7 4. a. The Secretary of Higher Education shall establish a
8 “Higher Education Manufacturing Grant Program.” The program
9 shall be administered by a three-person commission which shall
10 include: the Secretary of Higher Education, or a designee, who shall
11 serve as chair of the commission; a representative of the New Jersey
12 Manufacturing Extension Program; and a representative of the New
13 Jersey Community College Consortium for Workforce and
14 Economic Development. The commission shall annually award \$10
15 million to New Jersey institutions of higher education, proprietary
16 institutions, and county vocational school districts for the purpose
17 of establishing or expanding programs in the manufacturing fields.
18 The grants shall be allocated on a competitive basis and shall be
19 distributed as follows:

20 (1) 50 percent of program funding shall be awarded to county
21 colleges;

22 (2) 25 percent of program funding shall be awarded to four-year
23 institutions of higher education and proprietary institutions; and

24 (3) 25 percent of program funding shall be awarded to county
25 vocational school districts.

26 b. A grant recipient shall use the funds to establish or expand
27 programs and curricula in the fields of manufacturing,
28 manufacturing engineering, or advanced manufacturing.

29 c. To be eligible for consideration of a grant award, an
30 institution of higher education, proprietary institution, or county
31 vocational school district shall submit an application to the
32 commission, in accordance with application procedures and
33 requirements prescribed by the secretary. A grant application shall
34 include a complete description of the applicant’s specific plans and
35 objectives for the use of the grant funds and any other information
36 specified by the secretary.

37 d. The commission, in accordance with any rules prescribed by
38 the secretary, shall establish selection criteria for the awarding of
39 grant funds under the program, and shall award grants through a
40 competitive process based upon review of the applications and
41 subject to the availability of funds. The commission shall establish
42 the amount for each grant that is approved.

43 e. As used in this section, “proprietary institution” shall be
44 limited to proprietary institutions that have received accreditation
45 from an accrediting body recognized by the United States
46 Department of Education.

1 5. a. There is created within the Office of the Secretary of
2 Higher Education a fund to be known as the “Higher Education
3 Manufacturing Grant Fund.” The fund shall be used to provide
4 grants to New Jersey institutions of higher education, proprietary
5 institutions, and county vocational school districts under the
6 “Higher Education Manufacturing Grant Program” established
7 pursuant to section 4 of P.L. , c. (C.) (pending before the
8 Legislature as this bill).

9 b. The fund shall be annually credited with money appropriated
10 by the State, any moneys received by the State from corporate
11 donors or other private sector support, and any federal funds which
12 may become available for higher education and manufacturing-
13 related purposes.

14
15 6. The Secretary of Higher Education shall adopt rules and
16 regulations pursuant to the “Administrative Procedure Act,”
17 P.L.1968, c.410 (C.52:14B-1 et seq.), necessary to effectuate the
18 purposes of section 2 through section 5 of P.L. , c. (C.)
19 (pending before the Legislature as this bill).

20
21 7. a. The Commissioner of Education, in consultation with the
22 Secretary of Higher Education, the Business Action Center in the
23 Department of State, the New Jersey Manufacturing Extension
24 Program, and representatives of business and industry, shall
25 establish and maintain a State-recognized list of industry-
26 recognized credentials in the advanced manufacturing field to assist
27 county vocational school districts, institutions of higher education,
28 and the workforce development system in developing appropriate
29 educational programs to enable students to more adequately meet
30 the advanced technical training needs in this field.

31 b. The Commissioner of Education, in consultation with the
32 Secretary of Higher Education, the Business Action Center in the
33 Department of State, the New Jersey Manufacturing Extension
34 Program, and representatives of business and industry, shall identify
35 courses of study for careers in emerging manufacturing industries,
36 including careers in industrial marketing, mechanical engineering,
37 computer science, electronics, and mechatronics.

38
39 8. The Secretary of State, in consultation with the
40 Commissioner of Labor and Workforce Development, shall
41 designate an employee of the Department of State to act as a liaison
42 between the State and manufacturing businesses located in this
43 State. The duties of the liaison shall be to assist manufacturing
44 businesses by:

45 a. advertising manufacturing businesses’ products or services
46 nationally and internationally through the Business Action Center in
47 the Department of State; and

1 b. establishing a business referral service where manufacturing
2 businesses may be referred to other State, federal, or private
3 business resource organizations, such as the New Jersey
4 Manufacturing Extension Program, the State's Small Business
5 Development Centers, and other business organizations that provide
6 specialized business development assistance, technology
7 information, consulting management, and customized one-to-one
8 counseling concerning business plans and technical assistance with
9 significant business topics and issues.

10
11 9. a. The Secretary of State, in consultation with the
12 Commissioner of Labor and Workforce Development, the New
13 Jersey Economic Development Authority, and other State
14 departments, agencies, boards, commissions, and authorities, shall
15 direct resources, create incentives, and provide technological,
16 financial, and workforce development opportunities for
17 manufacturing businesses.

18 b. The Secretary of State may call upon any department,
19 authority, commission, board, office, division, or agency of the
20 State to provide any information, resources, or other assistance
21 deemed necessary to carry out the provisions of P.L. , c. (C.)
22 (pending before the Legislature as this bill). This may include, but
23 not be limited to: the New Jersey Economic Development Authority
24 for assistance with manufacturing business funding assistance
25 programs; the Department of Labor and Workforce Development
26 for assistance with developing workforce development strategies for
27 manufacturing businesses; the Department of Transportation and
28 the New Jersey Transit Corporation for assistance with enhancing
29 public transportation operations for employees of manufacturing
30 businesses; the Business Action Center in the Department of State
31 for assistance with manufacturing business attraction, retention, and
32 expansion efforts and advising on smart growth development
33 strategies; and the Department of Community Affairs for assistance
34 to manufacturing businesses participating in the urban enterprise
35 zone program established by P.L.1983, c.303 (C.52:27H-60 et al.).

36
37 10. a. The New Jersey Economic Development Authority, in
38 consultation with the Business Action Center created in the
39 Department of State and an institution of higher education, may
40 designate an institution of higher education or other entity as a
41 manufacturing and production business resource center to provide
42 services and assistance to manufacturing businesses to assist them
43 to modernize, maximize their efficiency, and expand their
44 production through the development and commercialization of
45 innovative products.

46 b. The authority shall grant this designation to any institution
47 of higher education or other entity that meets qualifications
48 established by the authority. The authority shall base the

1 qualifications upon the ability of the institution or entity to provide
2 specialized services and information to manufacturing and
3 production facilities, which may include specialization in discrete
4 aspects of the manufacturing and production process, or to provide
5 more comprehensive services.

6 c. The authority shall refer a manufacturing business deemed
7 eligible by the authority to a manufacturing and production business
8 resource center or other organization qualified to provide services
9 to small and mid-sized manufacturing businesses, which services
10 shall include, but not be limited to:

11 (1) assistance with product development, including:

12 (a) a preliminary technical evaluation of a product and any
13 design and materials issues,

14 (b) assistance in providing a connection with available research
15 and development resources, prototype development resources, and
16 product evaluation and testing resources, and

17 (c) the selection, implementation and optimization of available
18 technologies;

19 (2) assistance in production planning and inventory control;

20 (3) assistance in identifying appropriate factory and office
21 automation and modernizing production capacity;

22 (4) assistance in identifying sources of supply, including any
23 Internet-based listing of New Jersey-based suppliers of goods and
24 services;

25 (5) assistance in establishing a quality assurance program;

26 (6) assistance with market analysis and development, including
27 assistance in identifying export opportunities, provided by the
28 Business Action Center;

29 (7) assistance with distribution issues;

30 (8) assistance in developing the skills of the existing workforce
31 or procuring skilled workers;

32 (9) referral to financing resources; and

33 (10) assistance in preliminary patent and trademark searches.
34

35 11. a. There is created in the New Jersey State Employment
36 and Training Commission, established pursuant to section 5 of
37 P.L.1989, c.293 (C.34:15C-2), the New Jersey Advanced
38 Manufacturing Council.

39 b. The council shall consist of 11 members who are individuals
40 with experience in the fields of labor, education, or workforce
41 development or training. The 11 members shall be appointed by the
42 Governor as follows: two members shall be recommended by the
43 Senate President; two members shall be recommended by the
44 Speaker of the General Assembly; one member shall be
45 recommended by the Minority Leader of the Senate; one member
46 shall be recommended by the Minority Leader of the General
47 Assembly; and, five members shall be recommended by the
48 Governor. The members shall be appointed for five-year terms,

1 except, of the members first appointed, four members shall be
2 appointed for five-year terms, four member shall be appointed for
3 three-year terms, and three members shall be appointed for four-
4 year terms. Each member shall hold office for the term of
5 appointment and until a successor is appointed and qualified. A
6 member appointed to fill a vacancy occurring in the membership of
7 the council for any reason other than the expiration of the term shall
8 have a term of appointment for the unexpired term only. Vacancies
9 shall be filled in the same manner as the original appointment. A
10 member may be appointed for any number of successive terms. Any
11 member appointed may be removed from the council by the
12 appointing authority, as the case may be, for cause, after a hearing
13 and may be suspended by the appointing authority pending the
14 completion of the hearing.

15 c. Members of the council shall serve without compensation,
16 but may be reimbursed for necessary expenses incurred in the
17 performance of their duties as members. Action may be taken and
18 motions and resolutions may be adopted by the council at a council
19 meeting by an affirmative vote of a majority of the members. The
20 council shall elect from its members a chairperson. Advanced
21 notification for, and copies of the minutes of, each meeting of the
22 council shall be filed with the Governor, the President of the
23 Senate, and the Speaker of the General Assembly.

24

25 12. The council shall:

26 a. convene and enable industry-led, private-public partnerships
27 focused on engaging New Jersey institutions of higher education in
28 manufacturing innovation;

29 b. design and implement an advanced manufacturing initiative
30 to facilitate collaboration and information sharing across State
31 departments and agencies;

32 c. assist private companies to enhance technological transfer in
33 New Jersey manufacturing industries to help companies overcome
34 technical obstacles to scaling up production of new technologies;
35 and

36 d. submit an annual report to the Governor, to the Legislature
37 pursuant to section 2 of P.L.1991, c.164 (C.52:14-19.1), and to the
38 State Employment and Training Commission, of its assessments and
39 recommendations to enhance State policy related to the advanced
40 manufacturing industry in New Jersey.

41

42 13. The council is authorized to:

43 a. hold public hearings;

44 b. employ staff, responsible to the Executive Director of the
45 State Employment and Training Commission, to assist the council
46 to implement the purposes of this act; and

1 c. avail itself of the services of the employees and have access
2 to the records of any instrumentality of the State, as necessary or
3 useful to implement the purposes of this act.

4
5 14. This act shall take effect immediately.

6
7
8 STATEMENT

9
10 This bill requires various State entities to promote manufacturing
11 career pathways for students and provides assistance to the
12 manufacturing industry. Under the bill, the Secretary of Higher
13 Education, in consultation with the Commissioner of Education, the
14 Commissioner of Labor and Workforce Development, the New
15 Jersey Council of County Colleges, the New Jersey Council of
16 County Vocational Schools, and representatives of the business
17 community, will design a manufacturing career pathway to be
18 offered through the county colleges and county vocational school
19 districts to provide students interested in pursuing a career in
20 manufacturing with the instruction and skills necessary to gain
21 employment in the manufacturing or advanced manufacturing
22 sectors. The manufacturing career pathway will include traditional
23 and advanced manufacturing processes and methods of production
24 including, but not limited to, the machinery, technology, tools, and
25 equipment used in a wide range of manufacturing industries.

26 Under the bill, the secretary, in consultation with the
27 Commissioner of Labor and Workforce Development and the New
28 Jersey Economic Development Authority, will establish the New
29 Jersey STEM Entrepreneur Fellowship Program in county colleges
30 and four-year institutions of higher education to fund no less than
31 20 fellowships, administered by the secretary, which focus on
32 supporting entrepreneurs in the STEM fields. The fellowships may
33 be provided to individuals who have proven to the secretary that
34 they have an idea to create, advance or develop a product in the
35 STEM field which will have a beneficial impact on society and will
36 result in a self-sustaining business in the future. The fellowships
37 will be issued for three years each and will be used primarily to
38 support the entrepreneurs in commercializing the idea and
39 developing a well-structured business.

40 The bill establishes a “Higher Education Manufacturing Grant
41 Program,” to be administered by a three-person commission which
42 will include the Secretary of Higher Education, a representative of
43 the New Jersey Manufacturing Extension Program, and a
44 representative of the New Jersey Community College Consortium
45 for Workforce and Economic Development. The commission will
46 annually award \$10 million to New Jersey institutions of higher
47 education, proprietary institutions, and county vocational school

1 districts for the purpose of establishing or expanding programs in
2 the manufacturing fields.

3 The bill also requires the Commissioner of Education, in
4 consultation with the Secretary of Higher Education, the Business
5 Action Center in the Department of State, the New Jersey
6 Manufacturing Extension Program, and representatives of business
7 and industry, to establish and maintain a State-recognized list of
8 industry-recognized credentials in the advanced manufacturing
9 field. The list will assist county vocational school districts,
10 institutions of higher education, and the workforce development
11 system in developing appropriate educational programs to enable
12 students to more adequately meet the advanced technical training
13 needs in this field. Those entities will also identify courses of study
14 for careers in emerging manufacturing industries, including careers
15 in industrial marketing, mechanical engineering, computer science,
16 electronics, and mechatronics.

17 Under the bill, the Secretary of State, in consultation with the
18 Commissioner of Labor and Workforce Development, will
19 designate an employee of the Department of State to act as a liaison
20 between the State and manufacturing businesses located in this
21 State. The duties of the liaison will be to assist manufacturing
22 businesses by:

- 23 • advertising manufacturing businesses' products or services
24 nationally and internationally through the Business Action
25 Center; and
- 26 • establishing a business referral service where manufacturing
27 businesses may be referred to other State, federal, or private
28 business resource organizations.

29 The Secretary of State is to work with State departments,
30 agencies, boards, commissions, and authorities to direct resources,
31 create incentives, and provide technological, financial, and
32 workforce development opportunities for manufacturing businesses.

33 The bill also provides that the New Jersey Economic
34 Development Authority, in consultation with the Business Action
35 Center and an institution of higher education, may designate an
36 institution of higher education or other entity as a manufacturing
37 and production business resource center to provide services and
38 assistance to manufacturing businesses to assist them to modernize,
39 maximize their efficiency, and expand their production through the
40 development and commercialization of innovative products. Under
41 the bill, the authority will refer a manufacturing business deemed
42 eligible to a manufacturing and production business resource center
43 or other organization qualified to provide services to small and mid-
44 sized manufacturing businesses. The bill sets forth the various
45 services that will be provided by the manufacturing businesses.

46 The bill also establishes in the New Jersey State Employment
47 and Training Commission, the New Jersey Advanced
48 Manufacturing Council. The council will consist of 11 members

- 1 who are individuals with experience in the fields of labor,
2 education, or workforce development or training. The bill directs
3 the council to:
- 4 • convene and enable industry-led, private-public partnerships
5 focused on engaging New Jersey institutions of higher
6 education in manufacturing innovation;
 - 7 • design and implement an advanced manufacturing initiative
8 to facilitate collaboration and information sharing across
9 State departments and agencies;
 - 10 • assist private companies to enhance technological transfer in
11 New Jersey manufacturing industries to help companies
12 overcome technical obstacles to scaling up production of
13 new technologies; and
 - 14 • submit an annual report to the Governor, to the Legislature,
15 and to the State Employment and Training Commission, of
16 its assessments and recommendations to enhance State
17 policy related to the advanced manufacturing industry in
18 New Jersey.

ASSEMBLY HIGHER EDUCATION COMMITTEE

STATEMENT TO

[First Reprint]

SENATE, No. 659

with committee amendments

STATE OF NEW JERSEY

DATED: OCTOBER 13, 2022

The Assembly Higher Education Committee reports favorably Senate Bill No. 659 (1R), with committee amendments.

As amended, this bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

Under the bill, the Commissioner of Labor and Workforce Development, in consultation with the Secretary of Higher Education, Commissioner of Education, the New Jersey Council of County Colleges, the New Jersey Council of County Vocational Schools, and representatives of the business community, will promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development to provide students interested in pursuing a career in manufacturing with the instruction and skills necessary to gain employment in the manufacturing or advanced manufacturing sectors. The manufacturing career pathway will include traditional and advanced manufacturing processes and methods of production including, but not limited to, the machinery, technology, tools, and equipment used in a wide range of manufacturing industries.

The bill establishes a “Higher Education Manufacturing Grant Program,” to be administered by a three-person commission which will include the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The commission will annually award \$10 million to New Jersey institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields.

Under the bill, the Secretary of State, in consultation with the Commissioner of Labor and Workforce Development, will designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and manufacturing businesses located in this State. The duties of the liaison will be to assist manufacturing businesses by:

- advertising manufacturing businesses' products or services nationally and internationally through the Business Action Center;
- establishing a business referral service where manufacturing businesses may be referred to other State, federal, or private business resource organizations; and
- identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The Secretary of State is to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses.

The bill also establishes in the New Jersey State Employment and Training Commission, the New Jersey Advanced Manufacturing Council. The council will consist of 11 members who are individuals with experience in the fields of labor, education, or workforce development or training. The bill directs the council to:

- convene and enable industry-led, private-public partnerships focused on engaging New Jersey institutions of higher education in manufacturing innovation;
- design and implement an advanced manufacturing initiative to facilitate collaboration and information sharing across State departments and agencies;
- assist private companies to enhance technological transfer in New Jersey manufacturing industries to help companies overcome technical obstacles to scaling up production of new technologies; and
- submit an annual report to the Governor, to the Legislature, and to the State Employment and Training Commission, of its assessments and recommendations to enhance State policy related to the advanced manufacturing industry in New Jersey.

As reported by the committee, this bill is identical to the Assembly Bill No. 2014(1R), which was also amended and reported by the committee on this same date.

COMMITTEE AMENDMENTS:

The committee amended the bill to permit, rather than require, a grant application from a county college or county vocational school district to the "Higher Education Manufacturing Grant Program" to include a description of how the applicant would integrate their program into existing workforce development programs, including the manufacturing program within the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce and Economic Development.

ASSEMBLY SCIENCE, INNOVATION AND TECHNOLOGY
COMMITTEE

STATEMENT TO

[Second Reprint]
SENATE, No. 659

STATE OF NEW JERSEY

DATED: JUNE 15, 2023

The Assembly Science, Innovation and Technology Committee reports favorably Senate Bill No. 659 (2R).

As reported, this bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

Under the bill, the Commissioner of Labor and Workforce Development, in consultation with the Secretary of Higher Education, Commissioner of Education, the New Jersey Council of County Colleges, and representatives of the business community, are to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities initiative operated by the New Jersey Community College Consortium for Workforce and Economic Development to provide students interested in pursuing a career in manufacturing with the instruction and skills necessary to gain employment in the manufacturing or advanced manufacturing sectors. The manufacturing career pathway will include traditional and advanced manufacturing processes and methods of production including, but not limited to, the machinery, technology, tools, and equipment used in a wide range of manufacturing industries.

The bill establishes a “Higher Education Manufacturing Grant Program,” to be administered by a three-person commission which includes the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The commission will annually award \$10 million to New Jersey institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields.

Under the bill, the Secretary of State, in consultation with the Commissioner of Labor and Workforce Development, is to designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and

manufacturing businesses located in the State. The duties of the liaison will be to assist manufacturing businesses by:

- advertising manufacturing businesses' products or services nationally and internationally through the Business Action Center;
- establishing a business referral service whereby manufacturing businesses may be referred to other State, federal, or private business resource organizations; and
- identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The Secretary of State is to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses.

The bill also establishes the New Jersey Advanced Manufacturing Council in the New Jersey State Employment and Training Commission. The council consists of 11 members who are individuals with experience in the fields of labor, education, or workforce development or training. The bill directs the council to:

- convene and enable industry-led, private-public partnerships focused on engaging New Jersey institutions of higher education in manufacturing innovation;
- design and implement an advanced manufacturing initiative to facilitate collaboration and information sharing across State departments and agencies;
- assist private companies to enhance technological transfer in New Jersey manufacturing industries to help companies overcome technical obstacles to scaling up production of new technologies; and
- submit an annual report to the Governor, to the Legislature, and to the State Employment and Training Commission, of its assessments and recommendations to enhance State policy related to the advanced manufacturing industry in New Jersey.

As reported by the committee, this bill is identical to Assembly Bill No. 2014 (1R), which was amended and reported by the committee on this date.

ASSEMBLY APPROPRIATIONS COMMITTEE

STATEMENT TO

[Second Reprint]

SENATE, No. 659

STATE OF NEW JERSEY

DATED: JUNE 22, 2023

The Assembly Appropriations Committee reports favorably Senate Bill No. 659 (2R).

This bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

Under the bill, the Commissioner of Labor and Workforce Development, in consultation with the Secretary of Higher Education, Commissioner of Education, the New Jersey Council of County Colleges, the New Jersey Council of County Vocational Schools, and representatives of the business community, will promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development to provide students interested in pursuing a career in manufacturing with the instruction and skills necessary to gain employment in the manufacturing or advanced manufacturing sectors. The manufacturing career pathway will include traditional and advanced manufacturing processes and methods of production including, but not limited to, the machinery, technology, tools, and equipment used in a wide range of manufacturing industries.

The bill establishes a “Higher Education Manufacturing Grant Program,” to be administered by a three-person commission which will include the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The commission will annually award \$10 million to New Jersey institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields.

Under the bill, the Secretary of State, in consultation with the Commissioner of Labor and Workforce Development, will designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and

manufacturing businesses located in this State. The duties of the liaison will be to assist manufacturing businesses by:

- advertising manufacturing businesses' products or services nationally and internationally through the Business Action Center;
- establishing a business referral service where manufacturing businesses may be referred to other State, federal, or private business resource organizations; and
- identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The Secretary of State is to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses.

The bill also establishes in the New Jersey State Employment and Training Commission, the New Jersey Advanced Manufacturing Council. The council will consist of 11 members who are individuals with experience in the fields of labor, education, or workforce development or training. The bill directs the council to:

- convene and enable industry-led, private-public partnerships focused on engaging New Jersey institutions of higher education in manufacturing innovation;
- design and implement an advanced manufacturing initiative to facilitate collaboration and information sharing across State departments and agencies;
- assist private companies to enhance technological transfer in New Jersey manufacturing industries to help companies overcome technical obstacles to scaling up production of new technologies; and
- submit an annual report to the Governor, to the Legislature, and to the State Employment and Training Commission, of its assessments and recommendations to enhance State policy related to the advanced manufacturing industry in New Jersey.

As reported by the committee, this bill is identical to the Assembly Bill No. 2014(1R), which was also reported by the committee on this same date.

FISCAL IMPACT:

The Office of Legislative Services (OLS) determines that this bill will increase annual State expenditures across several State agencies in order to implement various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill's

establishment of the Higher Education Manufacturing Grant Program and the bill's requirement to designate a liaison between the State and manufacturing businesses.

The bill requires that \$10 million be annually awarded under the Higher Education Manufacturing Grant Program to county colleges, four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purposes of establishing or expanding programs in the manufacturing fields and for marketing and promoting current programs.

The State may also incur annual cost increases in the event that the Business Action Center within the Department of State hires a new employee to be a liaison between the State and manufacturing businesses located in the State. Employing certain assumptions, the OLS estimates that the approximate annual cost of providing for the salary and benefits of the liaison would be \$125,500.

Several other measures in the bill aimed at the promotion of manufacturing in the State could result in indeterminate State expenditure increases, the magnitude of which would be dependent on resource allocation and implementation decisions of various agencies.

SENATE BUDGET AND APPROPRIATIONS COMMITTEE

STATEMENT TO

SENATE, No. 659

with committee amendments

STATE OF NEW JERSEY

DATED: JUNE 6, 2022

The Senate Budget and Appropriations Committee reports favorably and with committee amendments Senate Bill No. 659.

As amended, this bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

Under the bill, the Commissioner of Labor and Workforce Development, in consultation with the Secretary of Higher Education, Commissioner of Education, the New Jersey Council of County Colleges, the New Jersey Council of County Vocational Schools, and representatives of the business community, will promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development to provide students interested in pursuing a career in manufacturing with the instruction and skills necessary to gain employment in the manufacturing or advanced manufacturing sectors. The manufacturing career pathway will include traditional and advanced manufacturing processes and methods of production including, but not limited to, the machinery, technology, tools, and equipment used in a wide range of manufacturing industries.

The bill establishes a “Higher Education Manufacturing Grant Program,” to be administered by a three-person commission which will include the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The commission will annually award \$10 million to New Jersey institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields.

Under the bill, the Secretary of State, in consultation with the Commissioner of Labor and Workforce Development, will designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between

the State and manufacturing businesses located in this State. The duties of the liaison will be to assist manufacturing businesses by:

- advertising manufacturing businesses' products or services nationally and internationally through the Business Action Center;
- establishing a business referral service where manufacturing businesses may be referred to other State, federal, or private business resource organizations; and
- identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The Secretary of State is to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses.

The bill also establishes in the New Jersey State Employment and Training Commission, the New Jersey Advanced Manufacturing Council. The council will consist of 11 members who are individuals with experience in the fields of labor, education, or workforce development or training. The bill directs the council to:

- convene and enable industry-led, private-public partnerships focused on engaging New Jersey institutions of higher education in manufacturing innovation;
- design and implement an advanced manufacturing initiative to facilitate collaboration and information sharing across State departments and agencies;
- assist private companies to enhance technological transfer in New Jersey manufacturing industries to help companies overcome technical obstacles to scaling up production of new technologies; and
- submit an annual report to the Governor, to the Legislature, and to the State Employment and Training Commission, of its assessments and recommendations to enhance State policy related to the advanced manufacturing industry in New Jersey.

This bill was pre-filed for introduction in the 2022-2023 session pending technical review. As reported, the bill includes the changes required by technical review, which has been performed.

COMMITTEE AMENDMENTS:

The committee amendments remove several provisions concerning: the establishment of the New Jersey STEM Entrepreneur Fellowship Program in county colleges and four-year institutions of higher education; the establishment of a State-recognized list of industry-recognized credentials in the advanced manufacturing field to

assist certain educational institutions and the workforce development system; and the New Jersey Economic Development Authority designating an institution of higher education or other entity as a manufacturing and production business resource center.

The committee amendments provide that the Commissioner of Education, rather than the Secretary of Higher Education, in consultation with various entities, will promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development.

The committee amendments provide that the \$10 million awarded annually under the “Higher Education Manufacturing Grant Program,” as established by the bill, may be used for the purposes of marketing and promoting current programs in the manufacturing fields, in addition to establishing or expanding programs in the manufacturing fields. The committee amendments stipulate that, under the grant program, a grant application from a county college or county vocational school district is required to include a description of how the applicant would integrate their program into existing workforce development programs, including the manufacturing program within the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce and Economic Development.

The committee amendments provide that the duties of the person designated by the Secretary of State to be a liaison between the State and manufacturing businesses will include identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

Finally, the committee amendments provide that of the 11 members appointed to the New Jersey Advanced Manufacturing Council, established by the bill, two members will be the co-chairs of the Legislative Manufacturing Caucus as ex officio members of the council.

FISCAL IMPACT:

The Office of Legislative Services (OLS) determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10 million due to the bill’s establishment of the Higher Education Manufacturing Grant Program. The bill requires that \$10 million be annually awarded under the Higher Education Manufacturing Grant Program to county colleges,

four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purposes of establishing or expanding programs in the manufacturing fields.

The State may also incur annual cost increases in the event that the Business Action Center within the Department of State hires a new employee to be a liaison between the State and manufacturing businesses located in the State. Assuming that a newly hired employee would receive an annual salary of \$75,000 for this role, then annual costs would approximate \$115,050 when factoring in the State's current fringe benefit rate.

Several other measures in the bill aimed at the promotion of manufacturing in the State could result in indeterminate State expenditure increases, the magnitude of which will be dependent on resource allocation and implementation decisions of various agencies.

STATEMENT TO

[Second Reprint]

SENATE, No. 659

with Assembly Floor Amendments
(Proposed by Assemblyman CONAWAY)

ADOPTED: DECEMBER 21, 2023

Senate Bill No. 659 (2R), entitled the “Manufacturing in Higher Education Act,” requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

These Assembly floor amendments:

- remove the requirement for the Secretary of Higher Education to establish a “Higher Education Grant Program”;
- remove the requirement for the Office of the Secretary of Higher Education to create the “Higher Education Manufacturing Grant Fund”; and
- make technical revisions to reflect these changes.

LEGISLATIVE FISCAL ESTIMATE
SENATE, No. 659
STATE OF NEW JERSEY
220th LEGISLATURE

DATED: JUNE 2, 2022

SUMMARY

- Synopsis:** “Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.
- Type of Impact:** Annual expenditure increases to the State General Fund; annual revenue increases for county colleges, four-year institutions of higher education, proprietary institutions, and county vocational schools.
- Agencies Affected:** Office of the Secretary of Higher Education; Department of State; New Jersey Economic Development Authority; New Jersey State Employment and Training Commission; County Colleges; Four-Year Institutions of Higher Education; Proprietary Institutions; County Vocational School Districts.

Office of Legislative Services Estimate

Fiscal Impact	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>
State Cost Increase	\$12.3 million- \$17.3 million	At least \$10 million	At least \$10 million
County Colleges Revenue Increase	\$5 million	\$5 million	\$5 million
Four-Year Institutions of Higher Education Revenue Increase	\$1.25 million	\$1.25 million	\$1.25 million
Proprietary Institutions Revenue Increase	\$1.25 million	\$1.25 million	\$1.25 million
County Vocational School Districts Revenue Increase	\$2.5 million	\$2.5 million	\$2.5 million

- The Office of Legislative Services (OLS) determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of between \$12.3 million and \$17.3 million in the first year of implementation. State costs thereafter would be at least \$10 million due to the bill’s establishment of the Higher Education Manufacturing Grant Program.

- The bill requires that \$10 million be annually awarded under the Higher Education Manufacturing Grant Program to county colleges, four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purposes of establishing or expanding programs in the manufacturing fields.
- The OLS finds that the State will bear one-time costs of between \$2 million and \$7 million to administer the New Jersey STEM Fellowship Program. This program would fund at least 20 fellowships to commercialize products in the STEM field.
- Several other measures in the bill aimed at the promotion of manufacturing in the State could result in indeterminate State expenditure increases, the magnitude of which will be dependent on resource allocation and implementation decisions of various agencies.

BILL DESCRIPTION

This bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry. The provisions of the bill include:

- requiring the Secretary of Higher Education, in consultation with the Department of Education, the Department of Labor and Workforce Development, the New Jersey Council of County Colleges, the New Jersey Council of County Vocational Schools, and representatives of the business community, to design a manufacturing career pathway to be offered through the county colleges and county vocational school districts;
- requiring the Secretary of Higher Education to establish the New Jersey STEM Entrepreneur Fellowship Program to fund 20 fellowships to support entrepreneurs in commercializing their products and developing a well-structured business;
- creating the Higher Education Manufacturing Grant Program under which \$10 million would be awarded to four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields;
- requiring the Department of Education, in consultation with the Secretary of Higher Education, the Business Action Center in the Department of State, the New Jersey Manufacturing Extension Program, and representatives of business and industry, to establish and maintain a State-recognized list of industry-recognized credentials in the advanced manufacturing field to assist in the development of educational programs;
- requiring the Secretary of State to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses;
- permitting the New Jersey Economic Development Authority to designate a manufacturing and production business resource center; and
- establishing the New Jersey Advanced Manufacturing Council in the New Jersey State Employment and Training Commission.

FISCAL ANALYSIS

EXECUTIVE BRANCH

None received.

OFFICE OF LEGISLATIVE SERVICES

The OLS determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. While the OLS finds that the majority of estimated expenditures under the bill stem from the establishment of the Higher Education Manufacturing Grant Program and the New Jersey STEM Entrepreneur Fellowship Program, the State may experience other cost increases to administer and implement various other provisions of the bill.

Higher Education Manufacturing Grant Program

The OLS finds that annual expenditures for the Higher Education Manufacturing Grant Program would be \$10 million, as specified in the bill.

The \$10 million in expenditures required under the bill would result in a total annual revenue increase of \$5 million to the county colleges, which are required to receive 50 percent of program funding. County vocational school districts would annually receive \$2.5 million, as they are required to receive 25 percent of program funding. Finally, the bill requires that the remaining 25 percent, or \$2.5 million, of funding be awarded to four-year institutions of higher education and proprietary institutions. While the bill does not specify the distribution of funds to the four-year institutions of higher education and proprietary institutions, the OLS assumes that the two groups of institutions will each receive a total of \$1.25 million.

New Jersey STEM Entrepreneur Fellowship Program

The OLS finds that expenditures stemming from the implementation of the New Jersey STEM Entrepreneur Fellowship Program will total between \$2 million and \$7 million. Under the bill, the fellowships would be provided to individuals who have proven to the Secretary of Higher Education that they have an idea to create, advance, or develop a product in the STEM field. The bill stipulates that no less than 20 fellowships would be funded under the program and that the fellowships would be issued for three years each. For the purposes of this fiscal estimate, the OLS assumes the full costs of the program would be encumbered in the first year of the bill's implementation, even if fellowship awards will be paid out over three years.

For the purposes of estimating costs, the OLS assumed a per award amount of between \$100,000 and \$350,000. Multiplying the lower and upper bounds of this range by the minimum number of 20 fellowships results in estimated costs of between \$2 million and \$7 million.

The OLS notes that the \$350,000 upper range of the estimate is based on the parameters of the New Jersey Innovation Fellows Program, which is administered by the Economic Development Authority (EDA). Current law authorizes the EDA to award fellowship grants, through a competitive process, to teams of entrepreneurs who operate businesses in targeted industries within certain eligible municipalities. Generally, fellowship grants may not exceed \$350,000 per team and would be used as replacement income for entrepreneurs who leave the workforce to open and operate the business. The FY 2022 adjusted appropriation for this program is \$10 million.

The OLS opts to use \$100,000 as the per award lower bound estimate, which results in a \$2 million minimum cost estimate.

Other Potential State Costs

The State may experience other cost increases to administer and implement various other provisions of the bill. Three provisions in particular would present costs to the State.

First, the bill requires the Secretary of Higher Education, in consultation with the Department of Education, the Department of Labor and Workforce Development, the New Jersey Council of County Colleges, the New Jersey Council of County Vocational Schools, and representatives of the business community, to design a manufacturing career pathway to be offered through the county colleges and county vocational school districts. The crafting of this manufacturing career pathway is a function that would be new to the current scope of functions of the Office of the Secretary of Higher Education. To ensure compliance with this requirement, the OLS believes that the office would likely need to: 1) provide for overtime for current staff to develop the manufacturing career pathway; 2) hire new staff to design the pathway; or 3) enter into a contract with an outside entity to develop the pathway. The OLS surmises that designing the manufacturing career pathway would require resources of up to \$310,000, based on experiences in another State. Recurring costs stemming from this requirement are indeterminate as it is uncertain how often the Office of the Secretary of Higher Education would update the manufacturing career pathway.

The bill requires the Department of Education, in consultation with the Secretary of Higher Education, the Business Action Center in the Department of State, the New Jersey Manufacturing Extension Program, and representatives of business and industry, to establish and maintain a State-recognized list of industry-recognized credentials in the advanced manufacturing field. The commissioner is also required to identify courses of study for careers in emerging manufacturing industries. The OLS finds that staff in the Department of Education may need to dedicate additional time to fulfill these requirements of the bill. While those costs are indeterminate, the State fiscal impact would likely be marginal.

The bill requires the creation of the New Jersey Advanced Manufacturing Council within the New Jersey State Employment and Training Commission. Under the bill, the council would lead various initiatives aimed at promoting the advanced manufacturing industry, including convening and enabling private-public partnerships with institutions of higher education and businesses, implementing an advanced manufacturing initiative to facilitate collaboration across the State, and assisting private companies in scaling up production of new technologies. The bill enables the council to employ staff. Uncertain of the potential level of staffing needed to fulfill the council's duties under the bill, the OLS finds this provision of the bill to be indeterminate. However, assuming that the council employs five people at an average salary of \$75,000, then annual salary and fringe benefit costs would total slightly over \$575,000.

Under the bill, the Secretary of State is required to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses. This requirement of the bill may result in annual State expenditures; however, costs associated with this provision are indeterminate as the nature of the resources, incentives, and opportunities that may be developed would likely be subject to implementation decisions made by the Secretary of State.

Lastly, the bill provides that the EDA may designate an institution of higher education or other entity as a manufacturing and production business resource center to provide services and assistance to manufacturing businesses to assist them to modernize, maximize their efficiency, and expand their production through the development and commercialization of innovative products. Potential staff costs to the EDA to review the qualifications of various entities to designate a manufacturing and production business resource center are indeterminate.

Section: Education

*Analyst: Christopher Myles
Associate Fiscal Analyst*

*Approved: Thomas Koenig
Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

LEGISLATIVE FISCAL ESTIMATE

[First Reprint]

SENATE, No. 659

STATE OF NEW JERSEY 220th LEGISLATURE

DATED: JUNE 16, 2022

SUMMARY

- Synopsis:** “Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.
- Type of Impact:** Annual expenditure increases to the State General Fund; annual revenue increases for county colleges, four-year institutions of higher education, proprietary institutions, and county vocational schools.
- Agencies Affected:** Office of the Secretary of Higher Education; Department of Labor and Workforce Development; Department of State; New Jersey Economic Development Authority; New Jersey State Employment and Training Commission; County Colleges; Four-Year Institutions of Higher Education; Proprietary Institutions; County Vocational School Districts.

Office of Legislative Services Estimate

Fiscal Impact	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>
State Cost Increase	\$10.4 million	At least \$10.1 million	At least \$10.1 million
County Colleges Revenue Increase	\$5 million	\$5 million	\$5 million
Four-Year Institutions of Higher Education Revenue Increase	\$1.25 million	\$1.25 million	\$1.25 million
Proprietary Institutions Revenue Increase	\$1.25 million	\$1.25 million	\$1.25 million
County Vocational School Districts Revenue Increase	\$2.5 million	\$2.5 million	\$2.5 million

- The Office of Legislative Services (OLS) determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry

at-large. In total, the OLS estimates State costs of approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill's establishment of the Higher Education Manufacturing Grant Program and the bill's requirement to designate a liaison between the State and manufacturing businesses.

- The bill requires that \$10 million be annually awarded under the Higher Education Manufacturing Grant Program to county colleges, four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purposes of establishing or expanding programs in the manufacturing fields and for marketing and promoting current programs.
- The State may also incur annual cost increases in the event that the Business Action Center within the Department of State hires a new employee to be a liaison between the State and manufacturing businesses located in the State. Employing certain assumptions, the OLS estimates that the approximate annual cost of providing for the salary and benefits of the liaison would be \$115,050.
- Several other measures in the bill aimed at the promotion of manufacturing in the State could result in indeterminate State expenditure increases, the magnitude of which would be dependent on resource allocation and implementation decisions of various agencies.

BILL DESCRIPTION

This bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry. The provisions of the bill include:

- requiring the Commissioner of Labor and Workforce Development to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development;
- creating the Higher Education Manufacturing Grant Program, under which \$10 million would be awarded to four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields;
- requiring the Secretary of State to designate an existing or newly hired employee of the Business Action Center to act as a liaison between the State and manufacturing businesses;
- requiring the Secretary of State to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses; and
- establishing the New Jersey Advanced Manufacturing Council in the New Jersey State Employment and Training Commission.

FISCAL ANALYSIS

EXECUTIVE BRANCH

None received.

OFFICE OF LEGISLATIVE SERVICES

The OLS determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of up to approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill's establishment of the Higher Education Manufacturing Grant Program and the bill's requirement to designate a liaison between the State and manufacturing businesses.

Higher Education Manufacturing Grant Program

The OLS finds that annual expenditures for the Higher Education Manufacturing Grant Program would be \$10 million, as specified in the bill.

The \$10 million in expenditures required under the bill would result in a total annual revenue increase of \$5 million to the county colleges, which are required to receive 50 percent of program funding. County vocational school districts would annually receive \$2.5 million, as they are required to receive 25 percent of program funding. Finally, the bill requires that the remaining 25 percent, or \$2.5 million, of funding be awarded to four-year institutions of higher education and proprietary institutions. While the bill does not specify the distribution of funds to the four-year institutions of higher education and proprietary institutions, the OLS assumes that the two groups of institutions will each receive a total of \$1.25 million.

Manufacturing Liaison

The bill requires the Secretary of State, in consultation with the Department of Labor and Workforce Development, to designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and manufacturing businesses located in this State. The State may incur annual cost increases in the event that the Business Action Center hires a new employee to be a liaison between the State and manufacturing businesses located in the State. Assuming that a newly hired employee would receive an annual salary of \$75,000 for this role, then annual costs would approximate \$115,050 when factoring in the State's current fringe benefit rate.

Other Potential State Costs

The State may experience other cost increases to administer and implement various other provisions of the bill. Three provisions in particular may present costs to the State.

First, the bill requires the Department of Labor and Workforce Development, in consultation with the Secretary of Higher Education, the New Jersey Council of County Colleges, the New Jersey Council of County Vocational Schools, and representatives of the business community, to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development. The OLS surmises that, based on appropriations made for various State public awareness campaigns, one-time costs of promoting the career pathway may cost up to \$100,000 in the first year of implementation. Meanwhile, the OLS assumes, based on experiences in another state, that additional staff costs, to support the implementation of the career pathway may require first-year costs of approximately \$150,000. Recurring costs stemming from this requirement are indeterminate as the level of resources that the Department of Labor and Workforce Development would annually dedicate towards the promotion and support of the manufacturing career pathway is uncertain.

The bill requires the creation of the New Jersey Advanced Manufacturing Council within the New Jersey State Employment and Training Commission. Under the bill, the council would lead various initiatives aimed at promoting the advanced manufacturing industry, including convening and enabling private-public partnerships between institutions of higher education and businesses, implementing an advanced manufacturing initiative to facilitate collaboration across the State, and assisting private companies in scaling up production of new technologies. The bill enables the council to employ staff. Uncertain of the potential level of staffing needed to fulfill the council's duties under the bill, the OLS finds this provision of the bill to be indeterminate. However, assuming that the council employs five people at an average salary of \$75,000, then annual salary and fringe benefit costs would total slightly over \$575,000.

Under the bill, the Secretary of State is required to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses. This requirement of the bill may result in annual State expenditure increases; however, costs associated with this provision are indeterminate as the nature of the resources, incentives, and opportunities that may be developed would likely be subject to implementation decisions made by the Secretary of State.

Section: Education

*Analyst: Christopher Myles
Associate Fiscal Analyst*

*Approved: Thomas Koenig
Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

LEGISLATIVE FISCAL ESTIMATE

[Second Reprint]

SENATE, No. 659

STATE OF NEW JERSEY 220th LEGISLATURE

DATED: JUNE 23, 2023

SUMMARY

- Synopsis:** “Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.
- Type of Impact:** Annual expenditure increases to the General Fund; annual revenue increases for county colleges, four-year institutions of higher education, proprietary institutions, and county vocational schools.
- Agencies Affected:** Office of the Secretary of Higher Education; Department of Labor and Workforce Development; Department of State; New Jersey Economic Development Authority; New Jersey State Employment and Training Commission; County Colleges; Four-Year Institutions of Higher Education; Proprietary Institutions; County Vocational School Districts.

Office of Legislative Services Estimate

Fiscal Impact	<u>Year 1</u>	<u>Years 2 and 3</u>
State Cost Increase	\$10.4 million	At least \$10.1 million
County Colleges Revenue Increase	\$5 million	\$5 million
Four-Year Institutions of Higher Education Revenue Increase	\$1.25 million	\$1.25 million
Proprietary Institutions Revenue Increase	\$1.25 million	\$1.25 million
County Vocational School Districts Revenue Increase	\$2.5 million	\$2.5 million

- The Office of Legislative Services (OLS) determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill’s establishment of the Higher Education Manufacturing Grant Program and the bill’s requirement to designate a liaison between the State and manufacturing businesses.

- The bill requires that \$10 million be annually awarded under the Higher Education Manufacturing Grant Program to county colleges, four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purposes of establishing or expanding programs in the manufacturing fields and for marketing and promoting current programs.
- The State may also incur annual cost increases in the event that the Business Action Center within the Department of State hires a new employee to be a liaison between the State and manufacturing businesses located in the State. Employing certain assumptions, the OLS estimates that the approximate annual cost of providing for the salary and benefits of the liaison would be \$125,500.
- Several other measures in the bill aimed at the promotion of manufacturing in the State could result in indeterminate State expenditure increases, the magnitude of which would be dependent on resource allocation and implementation decisions of various agencies.

BILL DESCRIPTION

This bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry. The provisions of the bill include:

- requiring the Department of Labor and Workforce Development to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development;
- creating the Higher Education Manufacturing Grant Program, under which \$10 million would be awarded to four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields;
- requiring the Department of State to designate an existing or newly hired employee of the Business Action Center to act as a liaison between the State and manufacturing businesses;
- requiring the Department of State to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses; and
- establishing the New Jersey Advanced Manufacturing Council in the New Jersey State Employment and Training Commission.

FISCAL ANALYSIS

EXECUTIVE BRANCH

None received.

OFFICE OF LEGISLATIVE SERVICES

The OLS determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of up to approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill's establishment of the Higher Education Manufacturing Grant Program and the bill's requirement to designate a liaison between the State and manufacturing businesses.

Higher Education Manufacturing Grant Program

The OLS finds that annual expenditures for the Higher Education Manufacturing Grant Program would be \$10 million, as specified in the bill.

The \$10 million in expenditures required under the bill would result in a total annual revenue increase of \$5 million to the county colleges, which are required to receive 50 percent of program funding. County vocational school districts would receive \$2.5 million, as they are required to receive 25 percent of program funding. Finally, the bill requires that the remaining 25 percent, or \$2.5 million, of funding be awarded to four-year institutions of higher education and proprietary institutions. While the bill does not specify the distribution of funds to the four-year institutions of higher education and proprietary institutions, the OLS assumes that the two groups of institutions will each receive one half of the amount, or \$1.25 million.

Manufacturing Liaison

The bill requires the Department of State, in consultation with the Department of Labor and Workforce Development, to designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and manufacturing businesses located in the State. The State may incur annual cost increases in the event that the Business Action Center hires a new employee to be a liaison between the State and manufacturing businesses located in the State, rather than designating an existing employee. Assuming that a newly hired employee would receive an annual salary of \$78,000 for this role, then annual costs would approximate \$125,500 when factoring in the State's current fringe benefit rate.

Other Potential State Costs

The State may experience other cost increases to administer and implement various other provisions of the bill. Three provisions in particular may present costs to the State.

First, the bill requires the Department of Labor and Workforce Development, in consultation with the Department of Education, the Office of the Secretary of Higher Education, the New Jersey Council of County Colleges, and representatives of the business community, to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development. The OLS surmises that, based on appropriations made for various State public awareness campaigns, one-time costs of promoting the career pathway may cost up to \$100,000 in the first year of implementation. Meanwhile, the OLS assumes, based on experiences in another state, that additional staff costs to support the implementation of the career pathway may require first-year costs of approximately \$150,000. Recurring costs stemming from this requirement are indeterminate as the level of resources that the Department of Labor and

Workforce Development would annually dedicate towards the promotion and support of the manufacturing career pathway is uncertain.

The bill requires the creation of the New Jersey Advanced Manufacturing Council within the New Jersey State Employment and Training Commission. Under the bill, the council would lead various initiatives aimed at promoting the advanced manufacturing industry, including convening and enabling private-public partnerships between institutions of higher education and businesses, implementing an advanced manufacturing initiative to facilitate collaboration across the State, and assisting private companies in scaling up production of new technologies. The bill enables the council to employ staff. Uncertain of the potential level of staffing needed to fulfill the council's duties under the bill, the OLS finds this provision of the bill to be indeterminate. However, assuming that the council employs five people at an average salary of \$78,000, then annual salary and fringe benefit costs would total \$627,500.

Under the bill, the Department of State is required to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses. This requirement of the bill may result in annual State expenditure increases; however, costs associated with this provision are indeterminate as the nature of the resources, incentives, and opportunities that may be developed would likely be subject to implementation decisions made by the Department of State.

Section: Education

*Analyst: Abigail Chambers
Assistant Fiscal Analyst*

*Approved: Thomas Koenig
Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

LEGISLATIVE FISCAL ESTIMATE

[Third Reprint]

SENATE, No. 659

STATE OF NEW JERSEY 220th LEGISLATURE

DATED: JANUARY 11, 2024

SUMMARY

- Synopsis:** “Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.
- Type of Impact:** Annual State cost increase.
- Agencies Affected:** Department of Labor & Workforce Development; Department of Education; Office of the Secretary of Higher Education; Department of State.

Office of Legislative Services Estimate

Fiscal Impact	<u>Annual</u>
State Expenditure Increase	Indeterminate

- The Office of Legislative Services (OLS) finds that this bill will lead to an indeterminate increase in annual State costs. The cost to the State would primarily be determined by the amount of new staff hired under the establishment of the New Jersey Advanced Manufacturing Council and the salaries they are provided.

BILL DESCRIPTION

This bill creates a comprehensive framework aimed at promoting and supporting manufacturing career pathways within the higher education system of New Jersey. It requires the Department of Labor and Workforce Development to collaborate with the Department of Education, the Office of the Secretary of Higher Education, the New Jersey Council of County Colleges, and representatives of the business community on bolstering the State's manufacturing career pathway. Additionally, the bill requires the Department of State to appoint a representative to serve as a liaison between the State and manufacturing businesses. This representative may be an existing or newly hired employee. The liaison's responsibilities include promoting the products or services of manufacturing businesses globally, establishing a business referral service, and

identifying opportunities for workforce development in the manufacturing sector through postsecondary pathway programs.

The bill also establishes the New Jersey Advanced Manufacturing Council within the State Employment and Training Commission. Comprised of experts in labor, education, and workforce development, the council is to promote industry-led partnerships, implement advanced manufacturing initiatives, aid companies with technical challenges, and submit annual reports to the Governor and Legislature. The council has the authority to hold public hearings, employ staff, and access necessary records.

FISCAL ANALYSIS

EXECUTIVE BRANCH

None received.

OFFICE OF LEGISLATIVE SERVICES

The OLS finds that this bill will lead to an indeterminate increase in State costs stemming from the establishment of the New Jersey Advanced Manufacturing Council. Under the bill, the council has the ability to employ staff to carry out its roles and responsibilities. The actual cost to the State would be dependent on the number of new employees that are hired and the salary they are paid. Members of the council are also to be reimbursed for necessary expenses incurred in the performance of their duties, which would lead to some additional annual State costs. Furthermore, the State would incur an annual cost from the hiring of a liaison between the State and manufacturing businesses if this individual is not already employed with the State. Assuming that a new employee is hired to fill this role and receives a salary of \$78,000, annual costs would approximate \$132,000 when factoring in the State's current fringe benefit rate.

Section: Education
Analyst: Abigail Chambers
Associate Fiscal Analyst
Approved: Thomas Koenig
Legislative Budget and Finance Officer

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

ASSEMBLY, No. 2014

STATE OF NEW JERSEY

220th LEGISLATURE

PRE-FILED FOR INTRODUCTION IN THE 2022 SESSION

Sponsored by:

Assemblyman HERB CONAWAY, JR.

District 7 (Burlington)

Assemblyman HAROLD "HAL" J. WIRTHS

District 24 (Morris, Sussex and Warren)

Assemblyman BRANDON E. UMBA

District 8 (Atlantic, Burlington and Camden)

Co-Sponsored by:

Assemblywomen Reynolds-Jackson, Eulner, Piperno, Assemblyman Scharfenberger, Assemblywomen Flynn and Carter

SYNOPSIS

“Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.

CURRENT VERSION OF TEXT

Introduced Pending Technical Review by Legislative Counsel.



(Sponsorship Updated As Of: 10/13/2022)

1 AN ACT concerning the promotion of the manufacturing industry in
2 higher education and supplementing Title 18A of the New Jersey
3 Statutes, Title 34 of the Revised Statutes, and Title 52 of the
4 Revised Statutes.

5

6 **BE IT ENACTED** *by the Senate and General Assembly of the State*
7 *of New Jersey:*

8

9 1. This act shall be known and may be cited as the
10 “Manufacturing in Higher Education Act.”

11

12 2. a. The Secretary of Higher Education, in consultation with
13 the Commissioner of Education, the Commissioner of Labor and
14 Workforce Development, the New Jersey Council of County
15 Colleges, the New Jersey Council of County Vocational Schools,
16 and representatives of the business community, shall design a
17 manufacturing career pathway to be offered through the county
18 colleges and county vocational school districts to provide students
19 interested in pursuing a career in manufacturing with the instruction
20 and skills necessary to gain employment in the manufacturing or
21 advanced manufacturing sectors.

22 b. The manufacturing career pathway required pursuant to
23 subsection a. of this section shall include traditional and advanced
24 manufacturing processes and methods of production including, but
25 not limited to, the machinery, technology, tools, and equipment
26 used in a wide range of manufacturing industries.

27

28 3. a. The Secretary of Higher Education, in consultation with
29 the Commissioner of Labor and Workforce Development and the
30 New Jersey Economic Development Authority, shall establish the
31 New Jersey STEM Entrepreneur Fellowship Program in county
32 colleges and four-year institutions of higher education.

33 b. The secretary shall work in consultation with the New Jersey
34 Economic Development Authority and the Commissioner of Labor
35 and Workforce Development to fund no less than 20 fellowships,
36 administered by the secretary, which focus on supporting
37 entrepreneurs in the Science, Technology, Engineering and
38 Mathematics (STEM) fields. The fellowships may be provided to
39 individuals who have proven to the secretary that they have an idea
40 to create, advance or develop a product in the STEM field which
41 will have a beneficial impact on society and will result in a self-
42 sustaining business in the future.

43 The fellowships shall be issued for three years each and shall be
44 used primarily to support the entrepreneurs in commercializing the
45 idea and developing a well-structured business.

46 Priority will be given to fellowships which are submitted with
47 the support of an incubator supported by the State of New Jersey or
48 any of its public entities.

A2014 CONAWAY, WIRTHS

1 c. The secretary, in consultation with the New Jersey
2 Economic Development Authority, shall conduct an evaluation of
3 the effectiveness of the New Jersey STEM Entrepreneur Fellowship
4 Program to establish new businesses no later than five years after
5 the approval of the first fellowship.

6
7 4. a. The Secretary of Higher Education shall establish and
8 administer a “Higher Education Manufacturing Grant Program.”
9 The program shall annually award \$10 million to New Jersey public
10 institutions of higher education for the purpose of establishing or
11 expanding programs in the manufacturing fields. The grants shall
12 be allocated to public institutions of higher education on a
13 competitive basis.

14 b. A public institution of higher education that receives a grant
15 under the program shall use the funds to establish or expand
16 programs and curricula in the fields of manufacturing,
17 manufacturing engineering, or advanced manufacturing.

18 c. To be eligible for consideration of a grant award, a public
19 institution of higher education shall submit an application to the
20 Secretary of Higher Education, in accordance with application
21 procedures and requirements prescribed by the secretary. A grant
22 application shall include a complete description of the institution’s
23 specific plans and objectives for the use of the grant funds and any
24 other information specified by the secretary.

25 d. The secretary shall establish selection criteria for the
26 awarding of grant funds under the program, and shall award grants
27 through a competitive process based upon review of the
28 applications and subject to the availability of funds. The secretary
29 shall establish the amount for each grant that is approved.

30
31 5. a. There is created within the Office of the Secretary of
32 Higher Education a fund to be known as the “Higher Education
33 Manufacturing Grant Fund.” The fund shall be used to provide
34 grants to New Jersey public institutions of higher education under
35 the “Higher Education Manufacturing Grant Program” established
36 pursuant to section 4 of P.L. , c. (C.) (pending before the
37 Legislature as this bill).

38 b. The fund shall be annually credited with money appropriated
39 by the State, any moneys received by the State from corporate
40 donors or other private sector support, and any federal funds which
41 may become available for higher education and manufacturing-
42 related purposes.

43
44 6. The Secretary of Higher Education shall adopt rules and
45 regulations pursuant to the “Administrative Procedure Act,”
46 P.L.1968, c.410 (C.52:14B-1 et seq.), necessary to effectuate the
47 purposes of section 2 through section 5 of P.L. , c. (C.)
48 (pending before the Legislature as this bill).

A2014 CONAWAY, WIRTHS

1 7. a. The Commissioner of Education, in consultation with the
2 Secretary of Higher Education, the Business Action Center in the
3 Department of State, the New Jersey Manufacturing Extension
4 Program, and representatives of business and industry, shall
5 establish and maintain a State-recognized list of industry-
6 recognized credentials in the advanced manufacturing field to assist
7 county vocational school districts, institutions of higher education,
8 and the workforce development system in developing appropriate
9 educational programs to enable students to more adequately meet
10 the advanced technical training needs in this field.

11 b. The Commissioner of Education, in consultation with the
12 Secretary of Higher Education, the Business Action Center in the
13 Department of State, the New Jersey Manufacturing Extension
14 Program, and representatives of business and industry, shall identify
15 courses of study for careers in emerging manufacturing industries,
16 including careers in industrial marketing, mechanical engineering,
17 computer science, electronics, and mechatronics.

18
19 8. The Secretary of State, in consultation with the
20 Commissioner of Labor and Workforce Development, shall
21 designate an employee of the Department of State to act as a liaison
22 between the State and manufacturing businesses located in this
23 State. The duties of the liaison shall be to assist manufacturing
24 businesses by:

25 a. advertising manufacturing businesses' products or services
26 nationally and internationally through the Business Action Center in
27 the Department of State; and

28 b. establishing a business referral service where manufacturing
29 businesses may be referred to other State, federal, or private
30 business resource organizations, such as the New Jersey
31 Manufacturing Extension Program, the State's Small Business
32 Development Centers, and other business organizations that provide
33 specialized business development assistance, technology
34 information, consulting management, and customized one-to-one
35 counseling concerning business plans and technical assistance with
36 significant business topics and issues.

37
38 9. a. The Secretary of State, in consultation with the
39 Commissioner of Labor and Workforce Development, the New
40 Jersey Economic Development Authority, and other State
41 departments, agencies, boards, commissions, and authorities, shall
42 direct resources, create incentives, and provide technological,
43 financial, and workforce development opportunities for
44 manufacturing businesses.

45 b. The Secretary of State may call upon any department,
46 authority, commission, board, office, division, or agency of the
47 State to provide any information, resources, or other assistance
48 deemed necessary to carry out the provisions of P.L. , c. (C.)

1 (pending before the Legislature as this bill). This may include, but
2 not be limited to: the New Jersey Economic Development Authority
3 for assistance with manufacturing business funding assistance
4 programs; the Department of Labor and Workforce Development
5 for assistance with developing workforce development strategies for
6 manufacturing businesses; the Department of Transportation and
7 the New Jersey Transit Corporation for assistance with enhancing
8 public transportation operations for employees of manufacturing
9 businesses; the Business Action Center in the Department of State
10 for assistance with manufacturing business attraction, retention, and
11 expansion efforts and advising on smart growth development
12 strategies; and the Department of Community Affairs for assistance
13 to manufacturing businesses participating in the urban enterprise
14 zone program established by P.L.1983, c.303 (C.52:27H-60 et al.).
15

16 10. a. The New Jersey Economic Development Authority, in
17 consultation with the Business Action Center created in the
18 Department of State and an institution of higher education, may
19 designate an institution of higher education or other entity as a
20 manufacturing and production business resource center to provide
21 services and assistance to manufacturing businesses to assist them
22 to modernize, maximize their efficiency, and expand their
23 production through the development and commercialization of
24 innovative products.

25 b. The authority shall grant this designation to any institution
26 of higher education or other entity that meets qualifications
27 established by the authority. The authority shall base the
28 qualifications upon the ability of the institution or entity to provide
29 specialized services and information to manufacturing and
30 production facilities, which may include specialization in discrete
31 aspects of the manufacturing and production process, or to provide
32 more comprehensive services.

33 c. The authority shall refer a manufacturing business deemed
34 eligible by the authority to a manufacturing and production business
35 resource center or other organization qualified to provide services
36 to small and mid-sized manufacturing businesses, which services
37 shall include, but not be limited to:

38 (1) assistance with product development, including:

39 (a) a preliminary technical evaluation of a product and any
40 design and materials issues,

41 (b) assistance in providing a connection with available research
42 and development resources, prototype development resources, and
43 product evaluation and testing resources, and

44 (c) the selection, implementation and optimization of available
45 technologies;

46 (2) assistance in production planning and inventory control;

47 (3) assistance in identifying appropriate factory and office
48 automation and modernizing production capacity;

- 1 (4) assistance in identifying sources of supply, including any
2 Internet-based listing of New Jersey-based suppliers of goods and
3 services;
- 4 (5) assistance in establishing a quality assurance program;
- 5 (6) assistance with market analysis and development, including
6 assistance in identifying export opportunities, provided by the
7 Business Action Center;
- 8 (7) assistance with distribution issues;
- 9 (8) assistance in developing the skills of the existing workforce
10 or procuring skilled workers;
- 11 (9) referral to financing resources; and
- 12 (10) assistance in preliminary patent and trademark searches.
- 13

14 11. a. There is created in the New Jersey State Employment
15 and Training Commission, established pursuant to section 5 of
16 P.L.1989, c.293 (C.34:15C-2), the New Jersey Advanced
17 Manufacturing Council.

18 b. The council shall consist of 11 members who are individuals
19 with experience in the fields of labor, education, or workforce
20 development or training. The 11 members shall be appointed by the
21 Governor as follows: two members shall be recommended by the
22 Senate President; two members shall be recommended by the
23 Speaker of the General Assembly; one member shall be
24 recommended by the Minority Leader of the Senate; one member
25 shall be recommended by the Minority Leader of the General
26 Assembly; and, five members shall be recommended by the
27 Governor. The members shall be appointed for five-year terms,
28 except, of the members first appointed, four members shall be
29 appointed for five-year terms, four member shall be appointed for
30 three-year terms, and three members shall be appointed for four-
31 year terms. Each member shall hold office for the term of
32 appointment and until a successor is appointed and qualified. A
33 member appointed to fill a vacancy occurring in the membership of
34 the council for any reason other than the expiration of the term shall
35 have a term of appointment for the unexpired term only. Vacancies
36 shall be filled in the same manner as the original appointment. A
37 member may be appointed for any number of successive terms. Any
38 member appointed may be removed from the council by the
39 appointing authority, as the case may be, for cause, after a hearing
40 and may be suspended by the appointing authority pending the
41 completion of the hearing.

42 c. Members of the council shall serve without compensation,
43 but may be reimbursed for necessary expenses incurred in the
44 performance of their duties as members. Action may be taken and
45 motions and resolutions may be adopted by the council at a council
46 meeting by an affirmative vote of a majority of the members. The
47 council shall elect from its members a chairperson. Advanced
48 notification for, and copies of the minutes of, each meeting of the

1 council shall be filed with the Governor, the President of the
2 Senate, and the Speaker of the General Assembly.

3

4 12. The council shall:

5 a. convene and enable industry-led, private-public partnerships
6 focused on engaging New Jersey institutions of higher education in
7 manufacturing innovation;

8 b. design and implement an advanced manufacturing initiative
9 to facilitate collaboration and information sharing across State
10 departments and agencies;

11 c. assist private companies to enhance technological transfer in
12 New Jersey manufacturing industries to help companies overcome
13 technical obstacles to scaling up production of new technologies;
14 and

15 d. submit an annual report to the Governor, to the Legislature
16 pursuant to section 2 of P.L.1991, c.164 (C.52:14-19.1), and to the
17 State Employment and Training Commission, of its assessments and
18 recommendations to enhance State policy related to the advanced
19 manufacturing industry in New Jersey.

20

21 13. The council is authorized to:

22 a. hold public hearings;

23 b. employ staff, responsible to the Executive Director of the
24 State Employment and Training Commission, to assist the council
25 to implement the purposes of this act; and

26 c. avail itself of the services of the employees and have access
27 to the records of any instrumentality of the State, as necessary or
28 useful to implement the purposes of this act.

29

30 14. This act shall take effect immediately.

31

32

33

STATEMENT

34

35 This bill requires various State entities to promote manufacturing
36 career pathways for students and provides assistance to the
37 manufacturing industry. Under the bill, the Secretary of Higher
38 Education, in consultation with the Commissioner of Education, the
39 Commissioner of Labor and Workforce Development, the New
40 Jersey Council of County Colleges, the New Jersey Council of
41 County Vocational Schools, and representatives of the business
42 community, will design a manufacturing career pathway to be
43 offered through the county colleges and county vocational school
44 districts to provide students interested in pursuing a career in
45 manufacturing with the instruction and skills necessary to gain
46 employment in the manufacturing or advanced manufacturing
47 sectors. The manufacturing career pathway will include traditional
48 and advanced manufacturing processes and methods of production

1 including, but not limited to, the machinery, technology, tools, and
2 equipment used in a wide range of manufacturing industries.

3 Under the bill, the secretary, in consultation with the
4 Commissioner of Labor and Workforce Development and the New
5 Jersey Economic Development Authority, will establish the New
6 Jersey STEM Entrepreneur Fellowship Program in county colleges
7 and four-year institutions of higher education to fund no less than
8 20 fellowships, administered by the secretary, which focus on
9 supporting entrepreneurs in the STEM fields. The fellowships may
10 be provided to individuals who have proven to the secretary that
11 they have an idea to create, advance or develop a product in the
12 STEM field which will have a beneficial impact on society and will
13 result in a self-sustaining business in the future. The fellowships
14 will be issued for three years each and will be used primarily to
15 support the entrepreneurs in commercializing the idea and
16 developing a well-structured business.

17 The bill also directs the secretary to establish and administer a
18 “Higher Education Manufacturing Grant Program.” The program
19 will annually award \$10 million to New Jersey public institutions of
20 higher education for the purpose of establishing or expanding
21 programs and curricula in the fields of manufacturing,
22 manufacturing engineering, or advanced manufacturing. The grants
23 will be awarded to public institutions of higher education through a
24 competitive process.

25 The bill also requires the Commissioner of Education, in
26 consultation with the Secretary of Higher Education, the Business
27 Action Center in the Department of State, the New Jersey
28 Manufacturing Extension Program, and representatives of business
29 and industry, to establish and maintain a State-recognized list of
30 industry-recognized credentials in the advanced manufacturing
31 field. The list will assist county vocational school districts,
32 institutions of higher education, and the workforce development
33 system in developing appropriate educational programs to enable
34 students to more adequately meet the advanced technical training
35 needs in this field. Those entities will also identify courses of study
36 for careers in emerging manufacturing industries, including careers
37 in industrial marketing, mechanical engineering, computer science,
38 electronics, and mechatronics.

39 Under the bill, the Secretary of State, in consultation with the
40 Commissioner of Labor and Workforce Development, will
41 designate an employee of the Department of State to act as a liaison
42 between the State and manufacturing businesses located in this
43 State. The duties of the liaison will be to assist manufacturing
44 businesses by:

- 45 • advertising manufacturing businesses’ products or services
46 nationally and internationally through the Business Action
47 Center; and

- 1 • establishing a business referral service where manufacturing
2 businesses may be referred to other State, federal, or private
3 business resource organizations.

4 The Secretary of State is to work with State departments,
5 agencies, boards, commissions, and authorities to direct resources,
6 create incentives, and provide technological, financial, and
7 workforce development opportunities for manufacturing businesses.

8 The bill also provides that the New Jersey Economic
9 Development Authority, in consultation with the Business Action
10 Center and an institution of higher education, may designate an
11 institution of higher education or other entity as a manufacturing
12 and production business resource center to provide services and
13 assistance to manufacturing businesses to assist them to modernize,
14 maximize their efficiency, and expand their production through the
15 development and commercialization of innovative products. Under
16 the bill, the authority will refer a manufacturing business deemed
17 eligible to a manufacturing and production business resource center
18 or other organization qualified to provide services to small and mid-
19 sized manufacturing businesses. The bill sets forth the various
20 services that will be provided by the manufacturing businesses.

21 The bill also establishes in the New Jersey State Employment
22 and Training Commission, the New Jersey Advanced
23 Manufacturing Council. The council will consist of 11 members
24 who are individuals with experience in the fields of labor,
25 education, or workforce development or training. The bill directs
26 the council to:

- 27 • convene and enable industry-led, private-public partnerships
28 focused on engaging New Jersey institutions of higher
29 education in manufacturing innovation;
- 30 • design and implement an advanced manufacturing initiative
31 to facilitate collaboration and information sharing across
32 State departments and agencies;
- 33 • assist private companies to enhance technological transfer in
34 New Jersey manufacturing industries to help companies
35 overcome technical obstacles to scaling up production of
36 new technologies; and
- 37 • submit an annual report to the Governor, to the Legislature,
38 and to the State Employment and Training Commission, of
39 its assessments and recommendations to enhance State
40 policy related to the advanced manufacturing industry in
41 New Jersey.

ASSEMBLY HIGHER EDUCATION COMMITTEE

STATEMENT TO

ASSEMBLY, No. 2014

with committee amendments

STATE OF NEW JERSEY

DATED: OCTOBER 13, 2022

The Assembly Higher Education Committee reports favorably Assembly Bill No. 2014, with committee amendments.

As amended, this bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

Under the bill, the Commissioner of Labor and Workforce Development, in consultation with the Secretary of Higher Education, Commissioner of Education, the New Jersey Council of County Colleges, the New Jersey Council of County Vocational Schools, and representatives of the business community, will promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development to provide students interested in pursuing a career in manufacturing with the instruction and skills necessary to gain employment in the manufacturing or advanced manufacturing sectors. The manufacturing career pathway will include traditional and advanced manufacturing processes and methods of production including, but not limited to, the machinery, technology, tools, and equipment used in a wide range of manufacturing industries.

The bill establishes a “Higher Education Manufacturing Grant Program,” to be administered by a three-person commission which will include the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The commission will annually award \$10 million to New Jersey institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields.

Under the bill, the Secretary of State, in consultation with the Commissioner of Labor and Workforce Development, will designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and

manufacturing businesses located in this State. The duties of the liaison will be to assist manufacturing businesses by:

- advertising manufacturing businesses' products or services nationally and internationally through the Business Action Center;
- establishing a business referral service where manufacturing businesses may be referred to other State, federal, or private business resource organizations; and
- identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The Secretary of State is to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses.

The bill also establishes in the New Jersey State Employment and Training Commission, the New Jersey Advanced Manufacturing Council. The council will consist of 11 members who are individuals with experience in the fields of labor, education, or workforce development or training. The bill directs the council to:

- convene and enable industry-led, private-public partnerships focused on engaging New Jersey institutions of higher education in manufacturing innovation;
- design and implement an advanced manufacturing initiative to facilitate collaboration and information sharing across State departments and agencies;
- assist private companies to enhance technological transfer in New Jersey manufacturing industries to help companies overcome technical obstacles to scaling up production of new technologies; and
- submit an annual report to the Governor, to the Legislature, and to the State Employment and Training Commission, of its assessments and recommendations to enhance State policy related to the advanced manufacturing industry in New Jersey.

This bill was pre-filed for introduction in the 2022-2023 session pending technical review. As reported, the bill includes the changes required by technical review, which has been performed.

As reported by the committee, this bill is identical to the Senate Bill No. 659 (2R), which was also amended and reported by the committee on this same date.

COMMITTEE AMENDMENTS:

The committee amendments remove several provisions concerning: the establishment of the New Jersey STEM Entrepreneur Fellowship Program in county colleges and four-year institutions of higher education; the establishment of a State-recognized list of

industry-recognized credentials in the advanced manufacturing field to assist certain educational institutions and the workforce development system; and the New Jersey Economic Development Authority designating an institution of higher education or other entity as a manufacturing and production business resource center.

The committee amendments require the Commissioner of Labor and Workforce Development, rather than the Secretary of Higher Education, in consultation with various entities, to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development. The amendments include a provision for the Commissioner of Labor and Workforce Development to adopt rules and regulations to effectuate the promotion and support of the manufacturing career pathway.

The committee amendments provide that the \$10 million awarded annually under the “Higher Education Manufacturing Grant Program,” as established by the bill, may be used for the purposes of marketing and promoting current programs in the manufacturing fields, in addition to establishing or expanding programs in the manufacturing fields. The amendments require that the program be administered by a three-person commission including the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The amendments provide that institutions of higher education, proprietary institutions, and county vocational school districts would be eligible for a grant and establish the percentage of grant funds that would be distributed to institutions of higher education, proprietary institutions, and county vocational school districts. The committee amendments stipulate that, under the grant program, a grant application from a county college or county vocational school district may include a description of how the applicant would integrate their program into existing workforce development programs, including the manufacturing program within the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce and Economic Development.

The committee amendments provide that the person designated by the Secretary of State to be a liaison between the State and manufacturing businesses may be an existing or newly hired employee of the Business Action Center in the Department of State. The amendments provide that the duties of the liaison will include identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The committee amendments provide that of the 11 members appointed to the New Jersey Advanced Manufacturing Council,

established by the bill, two members will be the co-chairs of the Legislative Manufacturing Caucus as ex officio members of the council.

ASSEMBLY SCIENCE, INNOVATION AND TECHNOLOGY
COMMITTEE

STATEMENT TO

[First Reprint]

ASSEMBLY, No. 2014

with committee amendments

STATE OF NEW JERSEY

DATED: JUNE 15, 2023

The Assembly Science, Innovation and Technology Committee reports favorably and with amendments Assembly Bill No. 2014 (1R).

As amended and reported, this bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

Under the bill, the Commissioner of Labor and Workforce Development, in consultation with the Secretary of Higher Education, Commissioner of Education, the New Jersey Council of County Colleges, and representatives of the business community, are to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities initiative operated by the New Jersey Community College Consortium for Workforce and Economic Development to provide students interested in pursuing a career in manufacturing with the instruction and skills necessary to gain employment in the manufacturing or advanced manufacturing sectors. The manufacturing career pathway will include traditional and advanced manufacturing processes and methods of production including, but not limited to, the machinery, technology, tools, and equipment used in a wide range of manufacturing industries.

The bill establishes a “Higher Education Manufacturing Grant Program,” to be administered by a three-person commission which includes the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The commission will annually award \$10 million to New Jersey institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields.

Under the bill, the Secretary of State, in consultation with the Commissioner of Labor and Workforce Development, is to designate

an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and manufacturing businesses located in the State. The duties of the liaison will be to assist manufacturing businesses by:

- advertising manufacturing businesses' products or services nationally and internationally through the Business Action Center;
- establishing a business referral service whereby manufacturing businesses may be referred to other State, federal, or private business resource organizations; and
- identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The Secretary of State is to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses.

The bill also establishes the New Jersey Advanced Manufacturing Council in the New Jersey State Employment and Training Commission. The council consists of 11 members who are individuals with experience in the fields of labor, education, or workforce development or training. The bill directs the council to:

- convene and enable industry-led, private-public partnerships focused on engaging New Jersey institutions of higher education in manufacturing innovation;
- design and implement an advanced manufacturing initiative to facilitate collaboration and information sharing across State departments and agencies;
- assist private companies to enhance technological transfer in New Jersey manufacturing industries to help companies overcome technical obstacles to scaling up production of new technologies; and
- submit an annual report to the Governor, to the Legislature, and to the State Employment and Training Commission, of its assessments and recommendations to enhance State policy related to the advanced manufacturing industry in New Jersey.

As amended and reported by the committee, this bill is identical to Senate Bill No. 659 (2R), which was also reported by the committee on this date.

COMMITTEE AMENDMENTS:

The committee amended the bill to provide that grant amounts for the "Higher Education Manufacturing Grant Program" are to be set by the administering commission created by the bill rather than by the Secretary of Higher Education.

ASSEMBLY APPROPRIATIONS COMMITTEE

STATEMENT TO

[Second Reprint]

ASSEMBLY, No. 2014

STATE OF NEW JERSEY

DATED: JUNE 22, 2023

The Assembly Appropriations Committee reports favorably Assembly Bill No. 2014 (2R).

This bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

Under the bill, the Commissioner of Labor and Workforce Development, in consultation with the Secretary of Higher Education, Commissioner of Education, the New Jersey Council of County Colleges, and representatives of the business community, are to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities initiative operated by the New Jersey Community College Consortium for Workforce and Economic Development to provide students interested in pursuing a career in manufacturing with the instruction and skills necessary to gain employment in the manufacturing or advanced manufacturing sectors. The manufacturing career pathway will include traditional and advanced manufacturing processes and methods of production including, but not limited to, the machinery, technology, tools, and equipment used in a wide range of manufacturing industries.

The bill establishes a “Higher Education Manufacturing Grant Program,” to be administered by a three-person commission which includes the Secretary of Higher Education, a representative of the New Jersey Manufacturing Extension Program, and a representative of the New Jersey Community College Consortium for Workforce and Economic Development. The commission will annually award \$10 million to New Jersey institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields.

Under the bill, the Secretary of State, in consultation with the Commissioner of Labor and Workforce Development, is to designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and

manufacturing businesses located in the State. The duties of the liaison will be to assist manufacturing businesses by:

- advertising manufacturing businesses' products or services nationally and internationally through the Business Action Center;
- establishing a business referral service whereby manufacturing businesses may be referred to other State, federal, or private business resource organizations; and
- identifying and promoting opportunities throughout the State for postsecondary pathway programs to actively reskill and upskill the current workforce to better meet the needs of manufacturing fields.

The Secretary of State is to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses.

The bill also establishes the New Jersey Advanced Manufacturing Council in the New Jersey State Employment and Training Commission. The council consists of 11 members who are individuals with experience in the fields of labor, education, or workforce development or training. The bill directs the council to:

- convene and enable industry-led, private-public partnerships focused on engaging New Jersey institutions of higher education in manufacturing innovation;
- design and implement an advanced manufacturing initiative to facilitate collaboration and information sharing across State departments and agencies;
- assist private companies to enhance technological transfer in New Jersey manufacturing industries to help companies overcome technical obstacles to scaling up production of new technologies; and
- submit an annual report to the Governor, to the Legislature, and to the State Employment and Training Commission, of its assessments and recommendations to enhance State policy related to the advanced manufacturing industry in New Jersey.

As reported by the committee, this bill is identical to the Senate Bill No. 659 (2R), which was also reported by the committee on this same date.

FISCAL IMPACT:

The Office of Legislative Services (OLS) determines that this bill will increase annual State expenditures across several State agencies in order to implement various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill's

establishment of the Higher Education Manufacturing Grant Program and the bill's requirement to designate a liaison between the State and manufacturing businesses.

The bill requires that \$10 million be annually awarded under the Higher Education Manufacturing Grant Program to county colleges, four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purposes of establishing or expanding programs in the manufacturing fields and for marketing and promoting current programs.

The State may also incur annual cost increases in the event that the Business Action Center within the Department of State hires a new employee to be a liaison between the State and manufacturing businesses located in the State. Employing certain assumptions, the OLS estimates that the approximate annual cost of providing for the salary and benefits of the liaison would be \$125,500.

Several other measures in the bill aimed at the promotion of manufacturing in the State could result in indeterminate State expenditure increases, the magnitude of which would be dependent on resource allocation and implementation decisions of various agencies.

STATEMENT TO
[Second Reprint]
ASSEMBLY, No. 2014

with Assembly Floor Amendments
(Proposed by Assemblyman CONAWAY)

ADOPTED: DECEMBER 21, 2023

Assembly Bill No. 2014 (2R), entitled the “Manufacturing in Higher Education Act,” requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry.

These Assembly floor amendments:

- remove the requirement for the Secretary of Higher Education to establish a “Higher Education Grant Program”;
- remove the requirement for the Office of the Secretary of Higher Education to create the “Higher Education Manufacturing Grant Fund”; and
- make technical revisions to reflect these changes.

LEGISLATIVE FISCAL ESTIMATE

[Second Reprint]

ASSEMBLY, No. 2014

**STATE OF NEW JERSEY
220th LEGISLATURE**

DATED: JUNE 23, 2023

SUMMARY

- Synopsis:** “Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.
- Type of Impact:** Annual expenditure increases to the General Fund; annual revenue increases for county colleges, four-year institutions of higher education, proprietary institutions, and county vocational schools.
- Agencies Affected:** Office of the Secretary of Higher Education; Department of Labor and Workforce Development; Department of State; New Jersey Economic Development Authority; New Jersey State Employment and Training Commission; County Colleges; Four-Year Institutions of Higher Education; Proprietary Institutions; County Vocational School Districts.

Office of Legislative Services Estimate

Fiscal Impact	<u>Year 1</u>	<u>Years 2 and 3</u>
State Cost Increase	\$10.4 million	At least \$10.1 million
County Colleges Revenue Increase	\$5 million	\$5 million
Four-Year Institutions of Higher Education Revenue Increase	\$1.25 million	\$1.25 million
Proprietary Institutions Revenue Increase	\$1.25 million	\$1.25 million
County Vocational School Districts Revenue Increase	\$2.5 million	\$2.5 million

- The Office of Legislative Services (OLS) determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill’s establishment of the Higher Education Manufacturing Grant Program and the bill’s requirement to designate a liaison between the State and manufacturing businesses.

- The bill requires that \$10 million be annually awarded under the Higher Education Manufacturing Grant Program to county colleges, four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purposes of establishing or expanding programs in the manufacturing fields and for marketing and promoting current programs.
- The State may also incur annual cost increases in the event that the Business Action Center within the Department of State hires a new employee to be a liaison between the State and manufacturing businesses located in the State. Employing certain assumptions, the OLS estimates that the approximate annual cost of providing for the salary and benefits of the liaison would be \$125,500.
- Several other measures in the bill aimed at the promotion of manufacturing in the State could result in indeterminate State expenditure increases, the magnitude of which would be dependent on resource allocation and implementation decisions of various agencies.

BILL DESCRIPTION

This bill requires various State entities to promote manufacturing career pathways for students and provides assistance to the manufacturing industry. The provisions of the bill include:

- requiring the Department of Labor and Workforce Development to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development;
- creating the Higher Education Manufacturing Grant Program, under which \$10 million would be awarded to four-year institutions of higher education, proprietary institutions, and county vocational school districts for the purpose of establishing or expanding programs in the manufacturing fields, and marketing and promoting current programs in the manufacturing fields;
- requiring the Department of State to designate an existing or newly hired employee of the Business Action Center to act as a liaison between the State and manufacturing businesses;
- requiring the Department of State to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses; and
- establishing the New Jersey Advanced Manufacturing Council in the New Jersey State Employment and Training Commission.

FISCAL ANALYSIS

EXECUTIVE BRANCH

None received.

OFFICE OF LEGISLATIVE SERVICES

The OLS determines that this bill will increase annual State expenditures across several State agencies in order to implement the various requirements of the bill that aim to promote manufacturing-oriented education and the manufacturing industry at-large. In total, the OLS estimates State costs of up to approximately \$10.4 million in the first year of implementation. State costs thereafter would be at least \$10.1 million due to the bill's establishment of the Higher Education Manufacturing Grant Program and the bill's requirement to designate a liaison between the State and manufacturing businesses.

Higher Education Manufacturing Grant Program

The OLS finds that annual expenditures for the Higher Education Manufacturing Grant Program would be \$10 million, as specified in the bill.

The \$10 million in expenditures required under the bill would result in a total annual revenue increase of \$5 million to the county colleges, which are required to receive 50 percent of program funding. County vocational school districts would receive \$2.5 million, as they are required to receive 25 percent of program funding. Finally, the bill requires that the remaining 25 percent, or \$2.5 million, of funding be awarded to four-year institutions of higher education and proprietary institutions. While the bill does not specify the distribution of funds to the four-year institutions of higher education and proprietary institutions, the OLS assumes that the two groups of institutions will each receive one half of the amount, or \$1.25 million.

Manufacturing Liaison

The bill requires the Department of State, in consultation with the Department of Labor and Workforce Development, to designate an existing or newly hired employee of the Business Action Center in the Department of State to act as a liaison between the State and manufacturing businesses located in the State. The State may incur annual cost increases in the event that the Business Action Center hires a new employee to be a liaison between the State and manufacturing businesses located in the State, rather than designating an existing employee. Assuming that a newly hired employee would receive an annual salary of \$78,000 for this role, then annual costs would approximate \$125,500 when factoring in the State's current fringe benefit rate.

Other Potential State Costs

The State may experience other cost increases to administer and implement various other provisions of the bill. Three provisions in particular may present costs to the State.

First, the bill requires the Department of Labor and Workforce Development, in consultation with the Department of Education, the Office of the Secretary of Higher Education, the New Jersey Council of County Colleges, and representatives of the business community, to promote and support the implementation of the manufacturing career pathway offered through the New Jersey Pathways to Career Opportunities Initiative operated by the New Jersey Community College Consortium for Workforce Development. The OLS surmises that, based on appropriations made for various State public awareness campaigns, one-time costs of promoting the career pathway may cost up to \$100,000 in the first year of implementation. Meanwhile, the OLS assumes, based on experiences in another state, that additional staff costs to support the implementation of the career pathway may require first-year costs of approximately \$150,000. Recurring costs stemming from this requirement are indeterminate as the level of resources that the Department of Labor and

Workforce Development would annually dedicate towards the promotion and support of the manufacturing career pathway is uncertain.

The bill requires the creation of the New Jersey Advanced Manufacturing Council within the New Jersey State Employment and Training Commission. Under the bill, the council would lead various initiatives aimed at promoting the advanced manufacturing industry, including convening and enabling private-public partnerships between institutions of higher education and businesses, implementing an advanced manufacturing initiative to facilitate collaboration across the State, and assisting private companies in scaling up production of new technologies. The bill enables the council to employ staff. Uncertain of the potential level of staffing needed to fulfill the council's duties under the bill, the OLS finds this provision of the bill to be indeterminate. However, assuming that the council employs five people at an average salary of \$78,000, then annual salary and fringe benefit costs would total \$627,500.

Under the bill, the Department of State is required to work with State departments, agencies, boards, commissions, and authorities to direct resources, create incentives, and provide technological, financial, and workforce development opportunities for manufacturing businesses. This requirement of the bill may result in annual State expenditure increases; however, costs associated with this provision are indeterminate as the nature of the resources, incentives, and opportunities that may be developed would likely be subject to implementation decisions made by the Department of State.

Section: Education

*Analyst: Abigail Chambers
Assistant Fiscal Analyst*

*Approved: Thomas Koenig
Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

LEGISLATIVE FISCAL ESTIMATE

[Third Reprint]

ASSEMBLY, No. 2014

STATE OF NEW JERSEY 220th LEGISLATURE

DATED: JANUARY 9, 2024

SUMMARY

- Synopsis:** “Manufacturing in Higher Education Act”; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry.
- Type of Impact:** Annual State cost increase.
- Agencies Affected:** Department of Labor and Workforce Development; Department of Education; Office of the Secretary of Higher Education; Department of State.

Office of Legislative Services Estimate

Fiscal Impact	<u>Annual</u>
State Expenditure Increase	Indeterminate

- The Office of Legislative Services (OLS) finds that this bill will lead to an indeterminate increase in annual State costs. The cost to the State would primarily be determined by the amount of new staff hired under the establishment of the New Jersey Advanced Manufacturing Council and the salaries they are provided.

BILL DESCRIPTION

This bill creates a comprehensive framework aimed at promoting and supporting manufacturing career pathways within the higher education system of New Jersey. It requires the Department of Labor and Workforce Development to collaborate with the Department of Education, the Office of the Secretary of Higher Education, the New Jersey Council of County Colleges, and representatives of the business community on bolstering the State's manufacturing career pathway. Additionally, the bill requires the Department of State to appoint a representative to serve as a liaison between the State and manufacturing businesses. This representative may be an existing or newly hired employee. The liaison's responsibilities include promoting the products or services of manufacturing businesses globally, establishing a business referral service, and

identifying opportunities for workforce development in the manufacturing sector through postsecondary pathway programs.

The bill also establishes the New Jersey Advanced Manufacturing Council within the State Employment and Training Commission. Comprised of experts in labor, education, and workforce development, the council is to promote industry-led partnerships, implement advanced manufacturing initiatives, aid companies with technical challenges, and submit annual reports to the Governor and Legislature. The council has the authority to hold public hearings, employ staff, and access necessary records.

FISCAL ANALYSIS

EXECUTIVE BRANCH

None received

OFFICE OF LEGISLATIVE SERVICES

The OLS finds that this bill will lead to an indeterminate increase in State costs stemming from the establishment of the New Jersey Advanced Manufacturing Council. Under the bill, the council has the ability to employ staff to carry out its roles and responsibilities. The actual cost to the State would be dependent on the number of new employees that are hired and the salary they are paid. Members of the council are also to be reimbursed for necessary expenses incurred in the performance of their duties, which would lead to some additional annual State costs. Furthermore, the State would incur an annual cost from the hiring of a liaison between the State and manufacturing businesses if this individual is not already employed with the State. Assuming that a new employee is hired to fill this role and receives a salary of \$78,000, annual costs would approximate \$132,000 when factoring in the State's current fringe benefit rate.

Section: Education

*Analyst: Noah Callahan
Assistant Fiscal Analyst*

*Approved: Thomas Koenig
Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

Governor Murphy Takes Action on Legislation

01/16/2024

TRENTON – Today, Governor Murphy signed the following bills into law:

SCS for S-281/ACS for A-3791 (Greenstein, Turner/Sumter, Reynolds-Jackson) – w/STATEMENT - Concerns automatic fire sprinkler systems within newly constructed townhouses

[Copy of Statement](#)

S-539wGR/A-2140 (Ruiz, Pou/Reynolds-Jackson, Wimberly, Mosquera) - Permits online purchase of eligible foods using WIC funds and use of WIC funds for grocery delivery charges

S-659/A-2014 (Oroho, Greenstein/Conaway, Wirths, Umba) - "Manufacturing in Higher Education Act"; requires various State entities to promote manufacturing career pathways for students and provides assistance to manufacturing industry

S-1110/A-3936 (Polistina, Singleton/Guardian, Swift, McClellan) - Authorizes CRDA to finance transportation projects between Atlantic City Airport and Atlantic City Tourism District

S-1662/A-3526 (Ruiz, Codey/Lampitt, Benson, Sauickie) - Requires NJ Youth Suicide Prevention Advisory Council to prepare report regarding suicide prevention instruction in public schools

S-1680wGR/A-2257 (Pou, Ruiz/Murphy, Quijano, Wimberly) - Designates each community college in State as provider of allowable services under SNAP employment and training program

S-2076/ACS for A-3319 (Zwicker, Greenstein/McKnight, Lampitt) - Establishes "Twelfth Grade Postsecondary Transition Year Pilot Program" in Department of Education

S-2535wGR/A-4048 (Polistina, Pou/Benson, McKnight, Reynolds-Jackson, Carter) - Requires health benefits coverage of hearing aids and cochlear implants

S-2841/A-4292 (Scutari, Bramnick/Carter) - Raises minimum amount of liability coverage for commercial motor vehicles and autocabs

SCS for S-3080/ACS for A-398 (Ruiz, Burgess/Caputo, Giblin, Tucker) - Establishes position of Youth Disconnection Prevention and Recovery Ombudsperson; establishes "Scholarship Disconnection Prevention Task Force"; appropriates \$200,000

S-3102/A-4715 (Smith, Singleton/Stanley, Benson) - Establishes uptime requirement for electric vehicle charging station incentive programs

S-3176/A-4760 (Greenstein, Smith/Swain, Haider, Tully) - Requires DEP and Drinking Water Quality Institute to perform study concerning regulation and treatment of perfluorinated and polyfluoroalkyl substances

SCS for S-3632 and 3649wGR/ACS for A-1948 (Johnson, Cryan/Haider, Conaway, Quijano) - Requires labeling of non-flushable disposable wipes

S-3758/A-5343 (Cryan/Karabinchak) - Changes deadline for unaffiliated mail-in voters to declare their political party before primary election

S-3837/A-5438 (Pou, Cruz-Perez/Pintor Marin, Wimberly) - Clarifies process for administrative appropriations to UEZs

S-3897/A-5578 (Ruiz, Sarlo/Jasey, Carter, Reynolds-Jackson) - Authorizes Higher Education Student Assistance Authority to award annual summer tuition aid grants

S-4040/A-5881 (Polistina, Lagana/Tully, Guardian, Swift) - Concerns jurisdiction and operations of regional municipal courts

S-4084/A-5851 (Ruiz, Cruz-Perez/Moriarty, Calabrese, Moen) - Concerns temporary registration certificates and license plates

S-4130/A-5849 (Codey/Jasey, Tucker) - Special legislation to change name of "Township of South Orange Village" to "South Orange Village"; changes titles of certain municipal officials; permits nonpartisan municipal elections to be moved to November; permits stipend for governing body members

S-4206/A-5856 (Sarlo/Calabrese) - Changes number of signatures required on primary election petition to nominate certain municipal candidates in certain municipalities

S-4209/A-5879 (Sarlo/Pintor Marin) - Eliminates vote on school budgets for Type II school districts in April elections, except for separate proposals to spend above cap

S-4268/A-5911 (Scutari/Danielsen) - Permits certain special State officers to represent cannabis businesses

A-203/S-2884 (Rooney, Benson, Caputo/A.M. Bucco) - Authorizes creation of special license plates commemorating horse as State animal

A-1100/S-995 (Calabrese, Mukherji, McKnight/Ruiz, Stack) - Requires entities to remove abandoned lines and mark information on certain lines

A-1107/S-770 (Chaparro, Murphy, Mukherji/Pou, Beach) - Directs Chief Technology Officer to conduct study on impacts of redacting handwritten signatures published on State websites; allows for protocols for such redactions to be established by rules and regulations

ACS for A-1255/SS for S-1794 (Stanley, Conaway, Benson/Gopal, Singer) - Updates requirements and standards for authorization and prior authorization of health care services

A-1727/S-3300 (Speight, Reynolds-Jackson, Verrelli/Stanfield, Ruiz) - Requires Attorney General to perform outreach and provide services to victims of human trafficking under certain circumstances

A-1729/S-3550 (Speight, Reynolds-Jackson, McKnight/Greenstein, Ruiz) - Requires AG to address human trafficking in underserved communities

A-1755/S-2505 (McKeon, Calabrese, Conaway/Smith, Greenstein) - Requires installation of operational automatic rain sensor or smart sprinkler as condition of sale of certain properties, and on certain commercial, retail, and industrial properties and common interest communities within specified timeframes

A-2146wGR/S-855 (Reynolds-Jackson, Wimberly, Sumter/Singleton, Beach) - Creates State business assistance program to establish contracting agency procurement goals for socially and economically disadvantaged business enterprises

A-2581/S-2503 (Lampitt, Park/Beach) - Provides that certain cosmetology and hairstyling courses may be taught using distance learning technology

A-3142/S-1564 (Moen, Moriarty, Benson/Singleton, Corrado) - Authorizes grants to purchase and rehabilitate abandoned homes for homeless veterans

A-3211/S-2302 (Speight, Haider, Swain/Gopal, Ruiz) - Establishes "New Jersey Feminine Hygiene Products for the Homeless Act"

A-3980/S-2706 (Speight, McKnight, Atkins/Zwicker, Turner) - Grants child placed in resource family care and resource family parents the right to be notified when case management supervisor is assigned to child; grants child in resource family care right to be notified of certain property and benefits

A-4033wGR/S-2657 (Coughlin, Wimberly/Sarlo, Ruiz) - Extends deadline for completion of school district's annual audit

A-4049/S-3495 (McKnight, Reynolds-Jackson, Benson/Vitale, Johnson) - Provides for presumptive eligibility for home and community-based services and services provided through program of all-inclusive care for the elderly under Medicaid

A-4105/S-4202 (Lopez, Jimenez, Quijano/Vitale, Turner) - Establishes Interagency Council on Homelessness

A-4183/S-4264 (Haider/Singleton) - Concerns local unit filing requirement for certain shared services agreements

A-4212/S-2762 (Pintor Marin, Reynolds-Jackson, Verrelli/Ruiz, Cunningham) - Establishes Center for Career Relevant Education and Talent Evaluation of New Jersey at The Edison State University

A-4337/S-4156 (Conaway, Atkins, Rooney/Singleton, Pou) - Requires Department of Health to provide information to Statewide 2-1-1 telephone system regarding the location safe disposal sites for hypodermic syringes and needles and prescription drugs

ACS for A-4496/SCS for S-3247 (Coughlin, Lampitt, Karabinchak, Wimberly/Zwicker, Greenstein) - Revises various provisions of law governing construction of school facility projects and operations of New Jersey Schools Development Authority; establishes "Charter School and Renaissance School Project Facilities Loan Program" in EDA

A-4522/S-3234 (Moen, McKnight, Quijano/Singer, Singleton) - Requires certain disclosures by sellers of single-family homes with solar panels installed

A-4691/S-1530 (Swain, DeAngelo, Speight/Greenstein, Zwicker) - Requires hazard mitigation plans to include climate change-related threat assessments and hazard prevention and mitigation strategies

A-4723/S-2740 (McKeon, Moriarty, Rooney/Codey, Scutari) - Requires motor vehicle dealer to offer to delete personal information in motor vehicles in certain situations

A-4791/S-3184 (Kennedy, Haider, McKeon/Diegnan, Sarlo) - Establishes "Resiliency and Environmental System Investment Charge Program"

ACS for A-4794/S-3224 (Benson, Mukherji/Singleton, Turner) - Requires request for proposal to establish demonstration projects to develop electric vehicle charging depots serviced by distributed energy resource charging centers for certain electric vehicle use

A-4814/S-1023 (Moen, Wimberly/Singleton, Gopal) - Removes expected family contribution from calculation of financial need under circumstances in which public institutions of higher education may reduce student's institutional financial aid

ACS for A-4821 and 4823wGR/S-3283 (Karabinchak, Conaway, Schaer/Greenstein, Zwicker) - Directs DEP to take certain actions concerning identification and testing of microplastics in drinking water, and requires DEP and BPU to study and promote use of microplastics removal technologies

A-4955/S-3531 (S. Kean, Thomson/Singer, Gopal) - Designates portion of State Highway Route 71 as "John Tarantino Highway"

A-5094/S-3476 (Spearman/Beach, Greenstein) - Concerns licensing of security officer companies

A-5227/S-3662 (Danielsen, Space/Smith, Oroho) - Expands eligibility for "fishing buddy license" fee

A-5285/SCS for S-3708 (Greenwald, Haider, Lopez/Greenstein, A.M. Bucco) - Requires copies of certain law enforcement records to be provided to victims of domestic violence upon request

A-5293/S-3746 (Greenwald, McKnight, Rooney/Gopal, Ruiz) - Concerns New Jersey Civic Information Consortium

A-5311/S-3061 (Verrelli, McKnight, Matsikoudis/Stanfield, Turner) - Enters New Jersey into Counseling Compact

A-5391/S-3765 (DeAngelo/Diegnan, Corrado) - Imposes conditions on drivers approaching disabled vehicles

A-5412/S-3850 (Greenwald, Swain, Jasey/Gopal, Singer) - Establishes nonpublic school transportation program to provide funding to consortiums of nonpublic schools that will assume responsibility for mandated nonpublic school busing

A-5416wGR/S-3883 (Wimberly, Giblin, Haider/Greenstein, Turner) - Requires State Board of Education to authorize alternate route to expedite teacher certification of persons employed as paraprofessionals in school districts

A-5442/S-3793 (Karabinchak, Conaway, McKeon/Smith, Greenstein) - Directs BPU to conduct study to determine feasibility, marketability, and costs of implementing large-scale geothermal heat pump systems in State

A-5462/S-3867 (Coughlin, McKnight, Speight/Vitale, Turner) - Revises law establishing Office of Food Security Advocate, and establishes certain conditions for use of monies appropriated to emergency food organizations

ACS for A-5495/SCS for S-3846 (Danielsen/Scutari, A.M. Bucco) - Clarifies types of firearms allowed to be carried or transported while hunting

A-5516/S-4047 (Reynolds-Jackson, Verrelli, Conaway/Burgess, Turner) - Requires certain health care professionals to undergo bias training

A-5565/S-3971 (S. Kean, Thomson/Gopal) - Provides that 10-year term does not apply to lease of certain municipal properties unless they are waterfront properties or related to waterfront concessions

A-5567/S-3807 (Torrissi, Calabrese/A.M. Bucco, Sarlo) - Extends period of usefulness of fire engines for bonding purposes from 10 to 20 years; eliminates exclusion of passenger cars and station wagons

A-5582/S-3781 (Swain, Simonsen/Lagana, Cryan) - Establishes grant program for NJ YouthBuild programs through DOLWD; makes appropriation

A-5610wGR/S-3954 (Greenwald, Spearman, Chaparro/Beach, A.M. Bucco) - Revises penalties for possession or consumption of alcoholic beverages by underage persons

A-5748/S-4166 (Spearman, Moen, Moriarty/Cruz-Perez, Madden) - Amends definition of "participating county" under County Option Hospital Fee Program

A-5755/S-4183 (Carter, Sumter, Wimberly, Quijano/Scutari, Singleton) - Enhances notice requirements and occupancy restrictions for hotels and multiple dwellings following determination of potentially hazardous condition

A-5799/S-1472 (Moen, Moriarty/Beach, Stack) - Authorizes DOT to establish and administer toll collection and enforcement system on behalf of NJ toll authorities and to enter i

reciprocal agreements for enforcement of toll violations with toll authorities from other states

A-5806/S-4165 (Moriarty, Sauickie/Greenstein, Oroho) - Appropriates \$48 million from constitutionally dedicated CBT revenues to DEP for State acquisition of lands for recreat and conservation purposes, including Blue Acres projects, and Green Acres Program administrative costs

A-5807/S-4138 (Freiman/Johnson, Schepisi) - Appropriates \$58 million from constitutionally dedicated CBT revenues for recreation and conservation purposes to DEP for State capital and park development projects

A-5808/S-4135 (Park, Freiman, Lopez/Beach, Turner) - Appropriates \$15,564,293 from constitutionally dedicated CBT revenues to NJ Historic Trust for grants for certain histori preservation projects and associated administrative expenses

A-5809/S-4097 (Swain, Lopez, Sauickie/Zwicker, Gopal) - Amends lists of projects eligible to receive loans for environmental infrastructure projects from NJ Infrastructure Bank FY 2024

A-5810/S-4098 (Sampson, Sauickie, Lopez/Greenstein, Stanfield) - Amends lists of environmental infrastructure projects approved for long-term funding by DEP under FY 2024 environmental infrastructure funding program

A-5828/S-4201 (Lopez/Vitale) - Authorizes State Treasurer to sell as surplus certain real property and improvements in Township of Woodbridge in Middlesex County

A-5835/S-4134 (Greenwald, Lampitt/Beach, Turner) - Authorizes regional authority to develop and operate regional rehabilitation and reentry center

A-5836/S-4212 (DeAngelo, Sumter, Wimberly/Gopal, Greenstein) - Makes supplemental appropriation of \$650,000 to New Jersey Division of State Police for trooper recruitme and retention

A-5910/S-4266 (Egan/Codey) - Increases annual salary of certain public employees and officers

AJR-200/SJR-138 (Park, Freiman, Calabrese/Lagana) - Designates November 22 of each year as Kimchi Day

Governor Murphy pocket vetoed the following bills:

S-2989/A-1739 (Pou, Singer/McKeon, Quijano, Flynn) - Makes certain for-profit debt adjusters eligible for licensing to conduct business in State

S-3172/A-4689 (Gopal, Turner/Lampitt, Matsikoudis, McKnight) - Establishes teacher certification route for candidates with Montessori teaching credentials

S-3287/ACS for A-4852 and 1170 (Turner/Reynolds-Jackson, Jasey, Dunn, Wimberly, Calabrese, Spearman, Verrilli) - Requires institutions of higher education to maintain supply and develop policy governing use of naloxone hydrochloride nasal spray for opioid overdose emergencies

A-1476/S-930 (Benson, Dancer/Holzappel, Diegman) - Exempts certain motor vehicles that are owned by certain nutrition programs and certain nonprofit organizations that offer social services from motor vehicle registration fees

A-3642/S-665 (Wirths, Murphy, Benson, Oroho/Greenstein) - Requires MVC to place designation on motor vehicle's registration information indicating registrant is deaf

A-3945/S-1660 (Quijano, Reynolds-Jackson, Carter/Ruiz, Singleton) - Establishes "Male Teachers of Color Mentorship Pilot Program"; appropriates \$95,000

A-4177/S-2478 (Mosquera, Swain, McKnight, Tucker, Dunn/Ruiz, Vitale) - Extends duration of law requiring certain provider subsidy payments for child care services be based on enrollment

A-4396/S-2927 (Lampitt, Jasey, Caputo/Codey) - Establishes timelines for review and approval by Commissioner of Education of annual certified audits submitted by approved private schools for students with disabilities

A-4621/S-3156 (Mosquera, Greenwald, Swain/Madden) - Requires issuance of report on certain information and data on processing of applications for professional and occupational licenses and mandates review of training and call intake in Division of Consumer Affairs.

A-4740/S-2970 (Mukherji, DeAngelo, McKnight/Cruz-Perez, Turner) - Provides employee access to employee's employment records on file with DOLWD

A-5294/S-1825 (Greenwald, Swain, Rooney/Steinhardt, Sarlo, Doherty) - Exempts sales of investment metal bullion and investment coins from sales and use tax

A-5893/S-4228 (Karabinchak, Calabrese, Sauickie/Gopal, Sarlo) - Extends annual horse racing purse subsidies through State fiscal year 2029