

117TH CONGRESS  
2D SESSION

# H. R. 8064

To amend the Workforce Innovation and Opportunity Act to establish demonstration and pilot projects to facilitate education and training programs in the field of advanced manufacturing.

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## IN THE HOUSE OF REPRESENTATIVES

JUNE 14, 2022

Mrs. TORRES of California (for herself and Mr. FLEISCHMANN) introduced the following bill; which was referred to the Committee on Education and Labor

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## A BILL

To amend the Workforce Innovation and Opportunity Act to establish demonstration and pilot projects to facilitate education and training programs in the field of advanced manufacturing.

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

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Advanced Manufac-  
5 turing Jobs in America Act”.

1 **SEC. 2. DEMONSTRATION AND PILOT PROJECTS TO SUP-**  
2 **PORT ADVANCED MANUFACTURING WORK-**  
3 **FORCE DEVELOPMENT.**

4 Section 169 of the Workforce Innovation and Oppor-  
5 tunity Act (29 U.S.C. 3224) is amended—

6 (1) by adding at the end the following:

7 “(d) ADVANCED MANUFACTURING WORKFORCE DE-  
8 VELOPMENT PROGRAM.—

9 “(1) IN GENERAL.—Under a plan published  
10 under subsection (b), the Secretary shall, through  
11 grants or contracts, carry out demonstration and  
12 pilot projects for the purpose of facilitating edu-  
13 cation and training programs in the field of ad-  
14 vanced manufacturing, which projects shall—

15 “(A) target skills and competency develop-  
16 ment in communities with expected growth in  
17 advanced manufacturing;

18 “(B) provide education and training, for  
19 available jobs or job openings that are antici-  
20 pated in advanced manufacturing, which result  
21 in a covered skill set and corresponding covered  
22 credential;

23 “(C) educate individuals about opportuni-  
24 ties for career advancement within advanced  
25 manufacturing; and

“(D) be carried out in a way that gives priority to incumbent workers, dislocated workers, unemployed individuals, workers from rural areas, and underrepresented individuals (such as underrepresented racial and ethnic minorities).

“(2) ELIGIBLE ENTITIES.—

“(A) IN GENERAL.—To be eligible to receive a grant or contract under this subsection for a project under paragraph (1), an entity shall be one of the following entities in any of the several States or territories, in partnership with a manufacturer who employs individuals with advanced manufacturing skills (or a consortium of such partnerships):

“(i) A technical college that offers a 2-year degree or program of study or an individual community college, such as a public or nonprofit community college, or a community college that is a tribally controlled college or university (as defined in section 2(a) of the Tribally Controlled Colleges and Universities Assistance Act of 1978 (25 U.S.C. 1801(a))).

1 “(ii) A community college district sys-  
2 tem.

3 “(iii) A State community college sys-  
4 tem.

5 “(iv) A local board, in partnership  
6 with one or more one-stop centers, that  
7 specifies one or more community colleges  
8 where education and training activities will  
9 occur.

10 “(v) A manufacturing extension cen-  
11 ter established under section 25(b) of the  
12 National Institute of Standards and Tech-  
13 nology Act (15 U.S.C. 278k).

14 “(vi) A local educational agency.

15 “(vii) Another entity, such as a pub-  
16 lic-private partnership, or the collection of  
17 entities and individuals carrying out an ad-  
18 vanced manufacturing forum, that would  
19 serve educationally underrepresented indi-  
20 viduals (such as underrepresented racial  
21 and ethnic minorities).

22 “(B) PRIORITY.—The Secretary shall give  
23 priority to any consortium of the partnerships  
24 described in subparagraph (A) that leverages

1           substantial non-Federal funding for the project  
2           involved.

3           “(3) APPLICATION.—To be eligible to receive a  
4           grant or contract under this subsection, an entity  
5           shall submit an application at such time and in such  
6           form and manner as the Secretary shall determine,  
7           including the following:

8                   “(A) A description of the eligible entity,  
9                   evidence of the eligible entity’s capacity to carry  
10                  out activities in support of the strategic objec-  
11                  tives described in the subparagraphs of para-  
12                  graph (1), and a description of the expected  
13                  participation and responsibilities of the eligible  
14                  entity, or each partnership in the eligible entity  
15                  in the case of a consortium.

16                  “(B) A description of education and train-  
17                  ing activities to be provided that will—

18                          “(i) develop skills and competencies  
19                          demanded by advanced manufacturing  
20                          businesses;

21                          “(ii) lead to a covered skill set and a  
22                          corresponding covered credential; and

23                          “(iii) educate individuals about oppor-  
24                          tunities for career advancement and wage  
25                          growth within advanced manufacturing.

1           “(C) A description of how the economy  
2           where the entity is located would benefit, in-  
3           cluding—

4                   “(i) evidence of the growth of ad-  
5                   vanced manufacturing in the State or lo-  
6                   cality involved;

7                   “(ii) information on the potential for  
8                   additional job growth with investments in  
9                   advanced manufacturing; and

10                   “(iii) information on how the activities  
11                   will expose incumbent or dislocated work-  
12                   ers, or unemployed individuals, to new ad-  
13                   vanced manufacturing technology skill sets.

14           “(D) A description of how the eligible enti-  
15           ty will employ evidence-based training models  
16           that integrate academic instruction with train-  
17           ing, including on-the-job training in advanced  
18           manufacturing, to meet performance goals de-  
19           scribed in paragraph (5).

20           “(E) A description of how the eligible enti-  
21           ty will coordinate activities with State boards or  
22           local boards, and State or local economic devel-  
23           opment officials.

24           “(F) In the case of education and training  
25           activities that lead to a covered credential, a de-

1           description of those activities leading to that cre-  
2           dential.

3           “(4) ACTIVITIES.—Activities to be carried out  
4           under a project funded under paragraph (1) may in-  
5           clude—

6                   “(A) classroom and onsite experiential  
7           learning;

8                   “(B) on-the-job training;

9                   “(C) training which fits into an industry-  
10          recognized competency model for advanced  
11          manufacturing;

12                  “(D) development and implementation of  
13          registered apprenticeship and pre-apprentice-  
14          ship programs;

15                  “(E) coordination with local boards in  
16          order to implement and utilize existing (as of  
17          the first date of such coordination) articulation  
18          agreements with universities and other edu-  
19          cational partners;

20                  “(F) distance learning; and

21                  “(G) any other activity the Secretary con-  
22          siders appropriate for providing education or  
23          training in advanced manufacturing.

24          “(5) PERFORMANCE GOALS AND MEASURES.—

1           “(A) GOALS.—The performance goals for  
2           the activities provided through a project under  
3           this subsection shall be to—

4                   “(i) enhance the skill sets of incum-  
5                   bent and dislocated workers, and unem-  
6                   ployed individuals, who live in communities  
7                   with expected growth in advanced manu-  
8                   facturing and enable such workers to ob-  
9                   tain a covered skill set and a corresponding  
10                  covered credential;

11                  “(ii) develop competencies of individ-  
12                  uals with limited experience in advanced  
13                  manufacturing;

14                  “(iii) strengthen community college  
15                  partnerships with manufacturing extension  
16                  centers described in paragraph (2)(A)(v)  
17                  and advanced manufacturing businesses in  
18                  an effort to meet the needs of the busi-  
19                  nesses for adaptability in training of in-  
20                  cumbent and dislocated workers, and un-  
21                  employed individuals;

22                  “(iv) more fully utilize the capabilities  
23                  of such manufacturing extension centers  
24                  within the State involved;



1 “(v) strengthen partnerships of ad-  
2 vanced manufacturing businesses with local  
3 boards and, if applicable, local educational  
4 agencies; and

5 “(vi) help incumbent and dislocated  
6 workers, and unemployed individuals, de-  
7 velop skills which lead to greater earnings.

8 “(B) MEASURES.—The Secretary shall ne-  
9 gotiate and reach agreement with each eligible  
10 entity that receives a grant or contract under  
11 this subsection, on performance measures that  
12 will be used to evaluate the performance of the  
13 eligible entity in carrying out the activities pro-  
14 vided through a project under this subsection.  
15 Each performance measure shall be designed to  
16 enable the eligible entity to meet the perform-  
17 ance goals described in subparagraph (A) and  
18 shall include an indicator of performance, which  
19 may include—

20 “(i) the number of incumbent and dis-  
21 located workers, and unemployed individ-  
22 uals, receiving a covered credential for ad-  
23 vanced manufacturing;

24 “(ii) the number of incumbent and  
25 dislocated workers, and unemployed indi-

viduals, attaining basic skills, as described  
in a covered skill set for advanced manu-  
facturing;

“(iii) the number of incumbent work-  
ers whose education and training, provided  
through a project, enables them to meet  
the needs of their employers for skilled  
workers to enhance operations;

“(iv) the earnings growth of a manu-  
facturer as a result of education and train-  
ing provided through a project; and

“(v) another indicator the Secretary  
determines to be necessary to meet per-  
formance goals described in subparagraph  
(A).

“(6) EVALUATION.—Beginning not later than 1  
year after the date of the first disbursement of  
funds under this subsection, the Secretary shall pro-  
vide for the continuing evaluation of the projects de-  
scribed in this subsection and funded under section  
172, and shall transmit a report of the evaluation to  
Congress not later than 2 years after such date.

“(7) DEFINITION.—In this subsection:

“(A) COVERED CREDENTIAL.—The term  
‘covered credential’ means—

1 “(i) an industry-recognized and na-  
2 tionally portable credential, such as an  
3 educational certificate or degree, an occu-  
4 pational license, an industry-sponsored cer-  
5 tificate or certification, and a registered  
6 apprenticeship certificate or degree; or

7 “(ii) an employer-recognized creden-  
8 tial.

9 “(B) COVERED SKILL SET.—The term  
10 ‘covered skill set’ means an industry-recognized  
11 or employer-recognized skill set.”; and

12 (2) in subsection (b)(1), by inserting after the  
13 first sentence the following: “The plan shall describe  
14 the projects described in subsection (d), to be car-  
15 ried out in accordance with that subsection.”.

16 **SEC. 3. EFFECTIVE DATE.**

17 The amendments made by this Act shall take effect  
18 as if enacted as part of the Workforce Innovation and Op-  
19 portunity Act (29 U.S.C. 3101 et seq.).

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