



General Assembly

January Session, 2021

Raised Bill No. 1021

LCO No. 4355



Referred to Committee on COMMERCE

Introduced by:
(CE)

AN ACT ESTABLISHING A MANUFACTURING TECHNOLOGY WORKING GROUP.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (*Effective July 1, 2021*) (a) As used in this section: (1)
2 "Industry 4.0 technology", means the hardware, software and related
3 innovations associated with the digitization of the manufacturing
4 sector, allowing for the collection and analysis of all aspects of the
5 manufacturing operations leading to increased quality, efficiency,
6 productivity and security; and (2) "small and mid-sized manufacturers"
7 means businesses engaged in manufacturing having fewer than one
8 hundred fifty employees at any individual facility owned or operated
9 by the business.

10 (b) The chairpersons of the joint standing committee of the General
11 Assembly having cognizance of matters relating to commerce shall
12 appoint and convene a manufacturing technology working group to
13 develop a strategic plan to ensure that manufacturers in the state have a
14 clear road map for the lean application and integration of Industry 4.0
15 technology into their product development and production processes.

16 (c) The working group shall:

17 (1) Compile comprehensive profiles, including mission statements
18 and lists of services, for all entities that receive state funding for the
19 purpose of researching, developing, training, marketing, consulting or
20 deploying Industry 4.0 technology or associated services directly to, or
21 for the benefit of, manufacturing startups, small and mid-sized
22 manufacturers or other businesses primarily engaged in manufacturing;
23 and

24 (2) Conduct value-stream mapping and other analyses, as needed, to
25 assess the flow of services from the entities identified in subdivision (1)
26 of this subsection, to manufacturers in the state. Such analyses shall
27 include, but need not be limited to, (A) identifying the extent to which
28 such services complement, conflict with or duplicate each other, (B)
29 assessing the relative impacts of such services on the manufacturers
30 served, (C) identifying gaps in services provided relative to the Industry
31 4.0 technology needs of manufacturers, and (D) identifying barriers and
32 recommendations for achieving the goals of the working group
33 described in subsection (b) of this section.

34 (d) The chairpersons of the joint standing committee of the General
35 Assembly having cognizance of matters relating to commerce shall
36 appoint members to the working group. Appointments to the working
37 group shall include, but need not be limited to, representatives from the
38 joint standing committee of the General Assembly having cognizance of
39 matters relating to commerce, the chief manufacturing officers or
40 representatives of entities described in subdivision (1) of subsection (c)
41 of this section, a representative of the Connecticut Center for Advanced
42 Technology, a representative of CONNSTEP, representatives of at least
43 two manufacturers having fewer than seventy-five employees,
44 representatives of at least two manufacturers having not less than
45 seventy-five employees and not more than one hundred fifty
46 employees, a representative of CTNext, a representative of the
47 Connecticut Manufacturers' Collaborative, a representative of the
48 Connecticut State Colleges and Universities, a representative of the

49 Connecticut Conference of Independent Colleges, a representative of
50 The University of Connecticut and a representative of Central
51 Connecticut State University. The members of the working group
52 representing small and mid-sized manufacturers shall comprise not less
53 than thirty-three per cent of the working group and manufacturers shall
54 comprise not less than fifty per cent of the working group.

55 (e) The members appointed to represent the Connecticut Center for
56 Advanced Technology and CONNSTEP shall co-chair the working
57 group. The co-chairs shall schedule the first meeting of the working
58 group not later than August 31, 2021.

59 (f) (1) The working group may solicit state or federal funds, or
60 funding from nongovernmental foundations, private organizations,
61 individuals, corporations or governmental entities for the
62 administration of the working group.

63 (2) The working group shall not implement the provisions of this
64 section if the funds solicited pursuant to subdivision (1) of this
65 subsection are insufficient to pay the initial and ongoing expenses of the
66 working group.

67 (g) Not later than March 15, 2022, the working group shall submit a
68 report, in accordance with the provisions of section 11-4a of the general
69 statutes, on its progress in accomplishing the goals set forth in
70 subsection (b) of this section to the joint standing committee of the
71 General Assembly having cognizance of matters relating to commerce.
72 Such report shall identify any barriers to accomplishing the goals set
73 forth in subsection (b) of this section.

74 (h) Not later than October 1, 2022, the working group shall submit a
75 strategic plan, in accordance with the provisions of section 11-4a of the
76 general statutes, to the joint standing committee of the General
77 Assembly having cognizance of matters relating to commerce that
78 includes data, findings and legislative proposals to accomplish the goals
79 set forth in subsection (b) of this section. The working group shall
80 terminate on the date it submits such report or October 1, 2022,

81 whichever is later.

This act shall take effect as follows and shall amend the following sections:		
Section 1	July 1, 2021	New section

Statement of Purpose:

To establish a manufacturing technology working group to ensure that manufacturers in the state have a clear road map for the lean application and integration of Industry 4.0 technology into their product development and production processes.

[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]