



House of Representatives

General Assembly

File No. 353

February Session, 2016

Substitute House Bill No. 5423

House of Representatives, March 31, 2016

The Committee on Commerce reported through REP. PERONE of the 137th Dist., Chairperson of the Committee on the part of the House, that the substitute bill ought to pass.

AN ACT ENCOURAGING MIDDLE SCHOOL AND HIGH SCHOOL STUDENTS TO CONSIDER CAREERS IN MANUFACTURING.

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

1 Section 1. (NEW) (*Effective from passage*) (a) The Commissioner of
2 Education, in collaboration with the Board of Regents for Higher
3 Education, shall establish a committee to coordinate the education of
4 middle school and high school students about careers in
5 manufacturing. Such committee shall include, but not be limited to,
6 representatives from the Department of Economic and Community
7 Development, the Labor Department, the Connecticut Center for
8 Advanced Technology, the regional community-technical colleges, the
9 advanced manufacturing centers at the regional community-technical
10 colleges, the Connecticut Employment and Training Commission and
11 the manufacturing industry.

12 (b) On or before January 1, 2017, and on or before August first
13 annually thereafter, the committee established pursuant to subsection
14 (a) of this section shall compile a catalog of programs at public and

15 private educational institutions in the state that offer training in the
16 field of manufacturing. Such catalog shall include for each program:
17 (1) The degree, certification, license or credential awarded upon
18 completion; (2) the period of time and requirements for completion; (3)
19 the enrollment process; and (4) the cost of attendance. The
20 commissioner shall make such catalog available on the Internet web
21 site of the Department of Education and distribute such catalog to each
22 local and regional board of education.

23 (c) On or before February 1, 2017, and annually thereafter, the
24 committee established pursuant to subsection (a) of this section shall
25 report, in accordance with the provisions of section 11-4a of the general
26 statutes, to the joint standing committees of the General Assembly
27 having cognizance of matters relating to commerce and higher
28 education and workforce development an analysis of whether current
29 programs available to Connecticut students are meeting workforce
30 needs. The committee shall consult with members of the
31 manufacturing industry when producing such report.

32 (d) The Commissioner of Education, in consultation with the
33 committee established pursuant to subsection (a) of this section, shall
34 develop and administer a program to introduce middle school and
35 high school students to careers in manufacturing. Such program may
36 include, but is not limited to, posters, videos and pamphlets that
37 describe and promote modern manufacturing and the programs
38 included in the catalog described in subsection (b) of this section. The
39 commissioner may enter into partnerships with one or more private
40 sector entities to further the goals of such program. Such partnerships
41 may include, but are not limited to, student visits to manufacturers
42 and manufacturer visits to schools in order to give students first hand
43 exposure to modern manufacturing and the products and materials
44 created by manufacturers in the state.

45 (e) The Department of Education, in consultation with the
46 Connecticut Center for Advanced Technology, shall develop a best
47 practices guide to help local and regional boards of education to

48 incorporate relationships with manufacturing in their middle school
49 and high school curricula.

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>from passage</i>	New section

Statement of Legislative Commissioners:

In Section 1(b), "public and private institutions" was changed to "public and private educational institutions", for clarity and consistency with the provisions of said subsection.

CE *Joint Favorable Subst.*

The following Fiscal Impact Statement and Bill Analysis are prepared for the benefit of the members of the General Assembly, solely for purposes of information, summarization and explanation and do not represent the intent of the General Assembly or either chamber thereof for any purpose. In general, fiscal impacts are based upon a variety of informational sources, including the analyst's professional knowledge. Whenever applicable, agency data is consulted as part of the analysis, however final products do not necessarily reflect an assessment from any specific department.

OFA Fiscal Note

State Impact:

Agency Affected	Fund-Effect	FY 17 \$	FY 18 \$
Education, Dept.	GF - Cost	Less than 5,000	Less than 5,000

Note: GF=General Fund

Municipal Impact: None

Explanation

This bill (1) requires the education commissioner, in collaboration with the Board of Regents (BOR), to establish a committee to coordinate efforts to educate middle and high school students about manufacturing careers; and (2) the education department, in consultation with the Connecticut Center for Advanced Technology (CCAT), must develop a best practices guide to help local and regional boards of education incorporate relationships with manufacturing in their middle school and high school curricula. These requirements are not anticipated to result in a fiscal impact as both the State Department of Education (SDE) and BOR have the staff and expertise necessary to perform these duties.

Additionally, the bill requires the education commissioner to develop, in consultation with the committee, a program to introduce middle and high school students to manufacturing careers. This is anticipated to result in a minimal cost to SDE, as posters, videos, and pamphlets to promote modern manufacturing are readily available. It is anticipated that it would cost SDE less than \$5,000 to develop and administer the program.

The Out Years

The annualized ongoing fiscal impact identified above would continue into the future subject to inflation.

OLR Bill Analysis

sHB 5423

AN ACT ENCOURAGING MIDDLE SCHOOL AND HIGH SCHOOL STUDENTS TO CONSIDER CAREERS IN MANUFACTURING.

SUMMARY:

This bill requires the education commissioner, in collaboration with the Board of Regents, to establish a committee to coordinate efforts to educate middle and high school students about manufacturing careers.

Under the bill, the committee must annually (1) compile a catalog of manufacturing training programs at public and private educational institutions in the state and (2) analyze, in consultation with the manufacturing industry, whether current programs available to Connecticut students are meeting workforce needs. It must annually report its findings to the Commerce and Higher Education committees with the first report due February 1, 2017.

The bill also requires the education commissioner to develop, in consultation with the committee, a program to introduce middle and high school students to manufacturing careers. Under the bill, the education department, in consultation with the Connecticut Center for Advanced Technology (CCAT), must develop a best practices guide to help local and regional boards of education incorporate relationships with manufacturing in their middle school and high school curricula.

EFFECTIVE DATE: Upon passage

COMMITTEE COMPOSITION

The committee must include, but is not limited to, representatives from the following:

1. Department of Economic and Community Development,

2. Department of Labor,
3. CCAT,
4. regional community-technical colleges,
5. advanced manufacturing centers at the regional community-technical colleges,
6. Connecticut Employment and Training Commission, and
7. the manufacturing industry.

MANUFACTURING PROGRAM CATALOG

The bill requires the committee to annually compile a catalog of manufacturing training programs at public and private educational institutions. The first catalog must be completed by January 1, 2017, and each subsequent catalog must be completed by August 1, annually. The education commissioner must post the catalog on the education department's website and distribute the catalog to each local and regional board of education.

The catalog must include the following information for each program:

1. the degree, certification, license, or credential awarded upon completion of the program;
2. the time period and requirements for completion;
3. the enrollment process; and
4. the cost of attendance.

PROGRAM TO INTRODUCE STUDENTS TO MANUFACTURING

The bill requires the education commissioner, in consultation with the committee, to develop and administer a program to introduce middle and high school students to manufacturing careers. Under the bill, the program may include posters, videos, and pamphlets that

describe and promote (1) modern manufacturing and (2) the manufacturing training programs included in the catalog created by the committee.

Under the bill, the commissioner may enter into partnerships with one or more private sector entities to further the goals of the program. The partnerships can include student visits to manufacturers and manufacturer visits to schools to give students first-hand exposure to modern manufacturing and the products and materials created by in-state manufacturers.

COMMITTEE ACTION

Commerce Committee

Joint Favorable Substitute

Yea 20 Nay 0 (03/15/2016)