



General Assembly

January Session, 2019

Raised Bill No. 1129

LCO No. 7238



Referred to Committee on FINANCE, REVENUE AND BONDING

Introduced by:
(FIN)

AN ACT CONCERNING VARIOUS INITIATIVES TO PROMOTE COMPUTER SCIENCE AND TECHNICAL TALENT IN EDUCATION.

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

1 Section 1. Section 10-16b of the general statutes is repealed and the
2 following is substituted in lieu thereof (*Effective July 1, 2019*):

3 (a) (1) In the public schools, the program of instruction offered shall
4 include at least the following subject matter, as taught by legally
5 qualified teachers: [the] (A) The arts; (B) career education; (C)
6 consumer education; (D) health and safety, including, but not limited
7 to, human growth and development, nutrition, first aid, including
8 cardiopulmonary resuscitation training in accordance with the
9 provisions of section 10-16qq, disease prevention and cancer
10 awareness, including, but not limited to, age and developmentally
11 appropriate instruction in performing self-examinations for the
12 purposes of screening for breast cancer and testicular cancer,
13 community and consumer health, physical, mental and emotional
14 health, including youth suicide prevention, substance abuse

15 prevention, including instruction relating to opioid use and related
16 disorders, safety, which shall include the safe use of social media, as
17 defined in section 9-601, and may include the dangers of gang
18 membership, and accident prevention; (E) language arts, including
19 reading, writing, grammar, speaking and spelling; mathematics; (F)
20 physical education; (G) science, which may include the climate change
21 curriculum described in subsection (d) of this section; (H) social
22 studies, including, but not limited to, citizenship, economics,
23 geography, government, history and Holocaust and genocide
24 education and awareness in accordance with the provisions of section
25 10-18f; (I) (i) computer science, including, but not limited to, computer
26 programming instruction, and (ii) not later than July 1, 2021, (I)
27 instruction in the basics of computer science at the elementary school
28 level, (II) instruction in exploratory computer science at the middle
29 school level, and (III) at least one course in computer science at the
30 high school level; and (J) in addition, on at least the secondary level,
31 one or more world languages and vocational education.

32 (2) For purposes of this subsection, (A) world languages [shall
33 include] includes American Sign Language, provided such subject
34 matter is taught by a qualified instructor under the supervision of a
35 teacher who holds a certificate issued by the State Board of Education,
36 [For purposes of this subsection,] and (B) the "arts" means any form of
37 visual or performing arts, which may include, but not be limited to,
38 dance, music, art and theatre.

39 (b) If a local or regional board of education requires its pupils to
40 take a course in a world language, the parent or guardian of a pupil
41 identified as deaf or hard of hearing may request in writing that such
42 pupil be exempted from such requirement and, if such a request is
43 made, such pupil shall be exempt from such requirement.

44 (c) Each local and regional board of education shall on September 1,
45 1982, and annually thereafter at such time and in such manner as the
46 Commissioner of Education shall request, attest to the State Board of

47 Education that such local or regional board of education offers at least
48 the program of instruction required pursuant to this section, and that
49 such program of instruction is planned, ongoing and systematic.

50 (d) The State Board of Education shall make available curriculum
51 materials and such other materials as may assist local and regional
52 boards of education in developing instructional programs pursuant to
53 this section. The State Board of Education, within available
54 appropriations and utilizing available resource materials, shall assist
55 and encourage local and regional boards of education to include: (1)
56 Holocaust and genocide education and awareness; (2) the historical
57 events surrounding the Great Famine in Ireland; (3) African-American
58 history; (4) Puerto Rican history; (5) Native American history; (6)
59 personal financial management, including, but not limited to, financial
60 literacy as developed in the plan provided under section 10-16pp; (7)
61 training in cardiopulmonary resuscitation and the use of automatic
62 external defibrillators; (8) labor history and law, including organized
63 labor, the collective bargaining process, existing legal protections in the
64 workplace, the history and economics of free market capitalism and
65 entrepreneurialism, and the role of labor and capitalism in the
66 development of the American and world economies; (9) climate
67 change consistent with the Next Generation Science Standards; (10)
68 topics approved by the state board upon the request of local or
69 regional boards of education as part of the program of instruction
70 offered pursuant to subsection (a) of this section; and (11) instruction
71 relating to the Safe Haven Act, sections 17a-57 to 17a-61, inclusive. The
72 Department of Energy and Environmental Protection shall be available
73 to each local and regional board of education for the development of
74 curriculum on climate change as described in this subsection.

75 (e) The State Board of Education shall establish a state-wide digital
76 literacy and computer coding curriculum for all public schools. Such
77 curriculum shall include, but not be limited to, development of sample
78 lessons to embed computer coding lessons within other classes and
79 courses and an after school computer science course to be distributed

80 by organizations that provide training and programs to support after
81 school programs. The State Board of Education shall provide any after
82 school computer science course established under this subsection to
83 public libraries in the state.

84 Sec. 2. Subsection (d) of section 10-145a of the general statutes is
85 repealed and the following is substituted in lieu thereof (*Effective July*
86 *1, 2019*):

87 (d) On and after July 1, [1998] 2019, any [candidate in a] program of
88 teacher preparation leading to professional certification shall [complete
89 a] include, as part of the curriculum, instruction in computer science,
90 and other information technology skills, [component of such program,]
91 as applied to student learning and classroom instruction,
92 communications, [and] data management, programming and coding.

93 Sec. 3. Section 10-155d of the general statutes is repealed and the
94 following is substituted in lieu thereof (*Effective July 1, 2019*):

95 (a) The Office of Higher Education shall encourage and support
96 experimentation and research in the preparation of teachers for public
97 elementary and secondary schools. To help fulfill the purposes of this
98 section, the Office of Higher Education shall appoint an advisory
99 council composed of qualified professionals which shall render
100 assistance and advice to the office. In carrying out its activities
101 pursuant to this section, the office shall consult with the State Board of
102 Education and such other agencies as it deems appropriate to assure
103 coordination of all activities of the state relating to the preparation of
104 teachers for public elementary and secondary schools.

105 (b) The Office of Higher Education, with the approval of the
106 Commissioner of Education, shall expand, within available
107 appropriations, participation in its summer alternate route to
108 certification program and its weekend and evening alternate route to
109 certification program. The office shall expand the weekend and
110 evening program for participants seeking certification in a subject

111 shortage area pursuant to section 10-8b. The office, in collaboration
112 with the Department of Education, shall develop (1) a regional
113 alternate route to certification program targeted to the subject shortage
114 areas, [and] (2) an alternate route to certification program for former
115 teachers whose certificates have expired and who are interested in
116 resuming their teaching careers, and (3) an alternate route to
117 certification program targeted for computer science teachers.

118 (c) The Office of Higher Education, in consultation with the
119 Department of Education, shall develop alternate route to certification
120 programs for (1) school administrators and superintendents, [and] (2)
121 early childhood education teachers, and (3) computer science teachers.
122 The programs shall include mentored apprenticeships and criteria for
123 admission to the programs.

124 Sec. 4. (NEW) (*Effective July 1, 2019*) (a) The State Board of
125 Education, upon the request of a local or regional board of education
126 or a regional educational service center, may issue an adjunct
127 computer science instructor permit to any applicant with specialized
128 training, experience or expertise in computer science. Such permit shall
129 authorize a person to hold a part-time position as a teacher of
130 computer science. Such applicant shall (1) hold a bachelor's degree
131 from an institution of higher education accredited by the Board of
132 Regents for Higher Education or Office of Higher Education or
133 regionally accredited, (2) have a minimum of three years of work
134 experience in computer science, or one year of work experience and
135 two years of specialized schooling related to computer science, and (3)
136 achieve a satisfactory evaluation on the appropriate State Board of
137 Education approved subject area assessment.

138 (b) During the period of employment as a computer science
139 instructor, any person holding an adjunct computer science instructor
140 permit shall be under the supervision of the superintendent of schools
141 or of a principal, administrator or supervisor designated by such
142 superintendent who shall regularly observe, guide and evaluate the

143 performance of assigned duties by such holder of an adjunct computer
144 science instructor permit.

145 (c) Each adjunct computer science instructor permit shall be valid
146 for three years and may be renewed by the Commissioner of
147 Education for good cause upon the request of the superintendent of
148 schools for the district employing such person or the regional
149 educational service center employing such person.

150 (d) Any board of education or regional educational service center
151 employing a person who holds an adjunct computer science instructor
152 permit issued under this section shall provide a program to assist each
153 such person. Such program, developed in consultation with the
154 Department of Education, shall include academic and classroom
155 support service components.

156 (e) No person holding an adjunct computer science instructor
157 permit shall fill a position that will result in the displacement of any
158 person holding a teaching certificate under section 10-145b of the
159 general statutes who is already employed at such school.

160 (f) Any person holding an adjunct computer science instructor
161 permit pursuant to this section shall not be deemed to be eligible for
162 membership in the teachers' retirement system solely by reason of such
163 permit, provided any such person who holds a regular teacher's
164 certificate issued by the State Board of Education shall not be excluded
165 from membership in said system.

166 Sec. 5. Subsection (e) of section 10-145d of the general statutes is
167 repealed and the following is substituted in lieu thereof (*Effective July*
168 *1, 2019*):

169 (e) [The] Not later than July 1, 2020, the State Board of Education
170 shall adopt regulations, in accordance with chapter 54, to provide
171 standards for the certification of computer science teachers. Such
172 regulations shall create a computer science endorsement and make

173 provision for certification requirements to be met by either (1)
174 completion of prescribed courses of study, or (2) such other experience
175 as the state board shall deem appropriate.

176 Sec. 6. (NEW) (*Effective from passage*) The State Board of Education
177 shall adopt regulations in accordance with the provisions of chapter 54
178 of the general statutes to expand a certificate or durational shortage
179 area permit issued by said board to enable software engineers or other
180 similar industry professionals to begin teaching while such engineer or
181 industry professional is enrolled in a teacher preparation program or
182 an alternate route to certification program approved by the State Board
183 of Education.

184 Sec. 7. (NEW) (*Effective July 1, 2019*) (a) Any company or business
185 that receives funds or economic assistance from the Department of
186 Community Development shall offer internships to students attending
187 an institution of higher education in the state or externships during the
188 summer months to teachers in public schools in the state, or both. The
189 Commissioner of Economic and Community Development shall
190 consult with such company or business to determine a reasonable
191 number internships or externships, or both, for such company or
192 business to offer, appropriate to such company's or business's size and
193 industry.

194 (b) The Commissioner of Economic and Community Development
195 shall, in consultation with the executive director of the Office of Higher
196 Education, the Board of Regents for Higher Education and the Board
197 of Trustees of The University of Connecticut, develop one or more
198 electronic databases on the Internet of internship opportunities in the
199 state for students attending public institutions of higher education in
200 the state. Any such database shall be searchable by region and be made
201 available to such students.

202 (c) The commissioner shall adopt regulations, in accordance with
203 the provisions of chapter 54 of the general statutes, to implement the

204 provisions of this section.

205 Sec. 8. Section 12-217g of the general statutes is repealed and the
206 following is substituted in lieu thereof (*Effective July 1, 2019*):

207 (a) (1) There shall be allowed a credit for any taxpayer against the
208 tax imposed under this chapter for any income year with respect to
209 each apprenticeship in the manufacturing trades commenced by such
210 taxpayer in such year under a qualified apprenticeship training
211 program as described in subsection (e) of this section, certified in
212 accordance with regulations adopted in accordance with the
213 provisions of chapter 54 by the Labor Commissioner and registered
214 with the Connecticut State Apprenticeship Council established under
215 section 31-22n, in an amount equal to six dollars per hour multiplied
216 by the total number of hours worked during the income year by
217 apprentices in the first half of a two-year term of apprenticeship and
218 the first three-quarters of a four-year term of apprenticeship, provided
219 the amount of credit allowed for any income year with respect to each
220 such apprenticeship may not exceed seven thousand five hundred
221 dollars or fifty per cent of actual wages paid in such income year to an
222 apprentice in the first half of a two-year term of apprenticeship or in
223 the first three-quarters of a four-year term of apprenticeship,
224 whichever is less.

225 (2) Effective for income years commencing on and after January 1,
226 2015, for purposes of this subsection, "taxpayer" includes an affected
227 business entity, as defined in section 12-284b. Any affected business
228 entity allowed a credit under this subsection may sell, assign or
229 otherwise transfer such credit, in whole or in part, to one or more
230 taxpayers to offset any state tax due or otherwise payable by such
231 taxpayers under this chapter, or, with respect to income years
232 commencing on or after January 1, 2016, chapter 212 or 227, provided
233 such credit may be sold, assigned or otherwise transferred, in whole or
234 in part, not more than three times.

235 (b) There shall be allowed a credit for any taxpayer against the tax
236 imposed under this chapter for any income year with respect to each
237 apprenticeship in plastics and plastics-related trades commenced by
238 such taxpayer in such year under a qualified apprenticeship training
239 program as described in subsection (e) of this section, certified in
240 accordance with regulations adopted in accordance with the
241 provisions of chapter 54 by the Labor Commissioner and registered
242 with the Connecticut State Apprenticeship Council established under
243 section 31-22n, which apprenticeship exceeds the average number of
244 such apprenticeships begun by such taxpayer during the five income
245 years immediately preceding the income year with respect to which
246 such credit is allowed, in an amount equal to four dollars per hour
247 multiplied by the total number of hours worked during the income
248 year by apprentices in the first half of a two-year term of
249 apprenticeship and the first three-quarters of a four-year term of
250 apprenticeship, provided the amount of credit allowed for any income
251 year with respect to each such apprenticeship may not exceed four
252 thousand eight hundred dollars or fifty per cent of actual wages paid
253 in such income year to an apprentice in the first half of a two-year term
254 of apprenticeship or in the first three-quarters of a four-year term of
255 apprenticeship, whichever is less.

256 (c) There shall be allowed a credit for any taxpayer against the tax
257 imposed under this chapter for any income year with respect to wages
258 paid to apprentices in the construction trades by such taxpayer in such
259 year that the apprentice and taxpayer participate in a qualified
260 apprenticeship training program, as described in subsection (e) of this
261 section, [~~which (1)~~] that is at least four years in duration, [~~(2)~~] is
262 certified in accordance with regulations adopted in accordance with
263 the provisions of chapter 54 by the Labor Commissioner [,] and [~~(3)~~] is
264 registered with the Connecticut State Apprenticeship Council
265 established under section 31-22n. The tax credit shall be [(A)] (1) in an
266 amount equal to two dollars per hour multiplied by the total number
267 of hours completed by each apprentice toward completion of such

268 program, and [(B)] (2) awarded upon completion and notification of
269 completion of such program in the income year in which such
270 completion and notification occur, provided the amount of credit
271 allowed for such income year with respect to each such apprentice
272 may not exceed four thousand dollars or fifty per cent of actual wages
273 paid over the first four income years for such apprenticeship,
274 whichever is less.

275 (d) There shall be allowed a credit for any taxpayer against the tax
276 imposed under this chapter for any income year with respect to each
277 apprenticeship in computer coding commenced by such taxpayer in
278 such year under a qualified apprenticeship training program as
279 described in subsection (e) of this section, certified in accordance with
280 regulations adopted in accordance with the provisions of chapter 54 by
281 the Labor Commissioner and registered with the Connecticut State
282 Apprenticeship Council established under section 31-22n, in an
283 amount equal to six dollars per hour multiplied by the total number of
284 hours worked during the income year by apprentices in the first half of
285 a two-year term of apprenticeship and the first three-quarters of a four-
286 year term of apprenticeship, provided the amount of credit allowed for
287 any income year with respect to each such apprenticeship may not
288 exceed seven thousand five hundred dollars or fifty per cent of actual
289 wages paid in such income year to an apprentice in the first half of a
290 two-year term of apprenticeship or in the first three-quarters of a four-
291 year term of apprenticeship, whichever is less.

292 [(d)] (e) For purposes of this section, a qualified apprenticeship
293 training program shall require at least four thousand but not more
294 than eight thousand hours of apprenticeship training for certification
295 of such apprenticeship by the Connecticut State Apprenticeship
296 Council. The amount of credit allowed any taxpayer under this section
297 for any income year may not exceed the amount of tax due from such
298 taxpayer under this chapter with respect to such income year.

299 Sec. 9. (NEW) (*Effective from passage*) (a) (1) There is established a

300 Computer Science For Connecticut Commission, which shall be part of
301 the Legislative Department. The council shall consist of the following
302 members: (A) One appointed by the speaker of the House of
303 Representatives; (B) one appointed by the president pro tempore of the
304 Senate; (C) one appointed by the majority leader of the House of
305 Representatives; (D) one appointed by the majority leader of the
306 Senate; (E) one appointed by the minority leader of the House of
307 Representatives; (F) one appointed by the minority leader of the
308 Senate; and (G) three appointed by the Governor. Any member of the
309 council appointed under this subdivision may be a member of the
310 General Assembly.

311 (2) All initial appointments to the commission shall be made not
312 later than sixty days after the effective date of this section and shall
313 terminate on July 1, 2020, July 1, 2021, and July 1, 2022, as applicable,
314 regardless of when the initial appointment was made. Appointed
315 members of the board shall serve for four-year terms, which shall
316 commence on the date of appointment and members first appointed
317 shall have the following terms: (A) Members appointed by the speaker
318 of the House of Representatives and the president pro tempore of the
319 Senate and one member appointed by the Governor shall initially
320 serve a term of four years; (B) members appointed by the majority
321 leader of the House of Representatives and the minority leader of the
322 Senate and one member appointed by the Governor shall initially
323 serve a term of three years; and (C) members appointed by the
324 minority leader of the House of Representatives and the majority
325 leader of the Senate and one member appointed by the Governor shall
326 initially serve a term of two years. Members shall continue to serve
327 until their successors are appointed and any member may serve more
328 than one term.

329 (3) The speaker of the House of Representatives and the president
330 pro tempore of the Senate shall jointly select the chairperson of the
331 commission from among the members of the commission. Such
332 chairperson shall schedule the first meeting of the council, which shall

333 be held not later than October 1, 2019. The commission shall meet at
334 least quarterly or as often as deemed necessary by the chairperson or a
335 majority of the commission.

336 (4) Any vacancy shall be filled by the appointing authority. Any
337 vacancy occurring other than by expiration of term shall be filled for
338 the balance of the unexpired term.

339 (5) The members of the commission shall serve without
340 compensation, but shall, within the limits of available funds, be
341 reimbursed for expenses necessarily incurred in the performance of
342 their duties. The chairperson of the commission may contract with a
343 private entity to support the commission's goals, responsibilities and
344 duties under this section.

345 (b) The commission may do any or all of the following:

346 (1) Plan and run an annual summit in conjunction with the
347 Department of Economic and Community Development. The summit
348 shall seek to bring together students from middle schools, high schools
349 and institutions of higher education in the state, technology industry
350 professionals, training providers and community members to
351 showcase projects, research, education and career opportunities related
352 to computer science and technology;

353 (2) Establish and run a state-wide job-shadowing day to provide
354 students with insights into different industries, career paths and skills
355 valued by employers in the state;

356 (3) Develop and offer to public schools in the state, by itself or by
357 contracting with other organizations, professional development
358 services in computer science;

359 (4) Make grants to public schools in the state to offer computer
360 science professional development courses and studies; and

361 (5) Offer scholarships to teachers seeking a computer science

362 endorsement or for students attending an institution of higher
363 education in the state and pursuing a degree in a technology field, or
364 both.

365 (c) There is established an account to be known as the "Computer
366 Science For Connecticut Commission account" which shall be a
367 separate, nonlapsing account within the General Fund. The account
368 shall contain any moneys required by law to be deposited in the
369 account. Moneys in the account shall be expended by the Joint
370 Committee on Legislative Management for the purposes of subsection
371 (b) of this section.

372 (d) There shall be allowed against the tax imposed by chapter 208 of
373 the general statutes a credit in an amount equal to fifty per cent of the
374 amount a corporation donates to the account established under
375 subsection (c) of this section, provided the aggregate amount of credits
376 under this subsection shall not exceed one million dollars in any fiscal
377 year. Any credit allowed under this subsection shall be claimed for the
378 income year in which such donation was made.

379 Sec. 10. Section 31-11ff of the general statutes is repealed and the
380 following is substituted in lieu thereof (*Effective July 1, 2019*):

381 (a) For purposes of this section:

382 (1) "Early college high school" means a school in which persons who
383 are underrepresented in higher education, including, but not limited
384 to, low-income youth, first-generation college students, English
385 language learners and minority students, may simultaneously earn,
386 tuition free, a high school diploma and an associate degree or up to
387 two years of credit toward a bachelor's degree;

388 (2) "Middle college program" means a collaboration between a
389 school district's high schools and a regional-community technical
390 college or a four-year college or university where a student may (A)
391 take core high school courses or courses for which college or

392 university-level credit may be given, and (B) attribute all such credits
393 earned toward a program of higher learning at an institution of higher
394 education in which such student enrolls upon graduation from the
395 middle college program; and

396 (3) "Connecticut Early College Opportunity program" or "CT-ECO"
397 means a collaboration between a school district's high schools, a local
398 community college and a company or business entity where a student
399 may earn an industry-recognized, two-year postsecondary degree in
400 addition to a high school diploma.

401 (b) The Connecticut Employment and Training Commission shall
402 develop, in collaboration with the Connecticut state colleges and
403 universities, Department of Education, and regional work force
404 development boards established pursuant to section 31-3j, a state-wide
405 plan for implementing, expanding or improving upon career certificate
406 programs established under section 10-20a, middle college programs,
407 early college high school programs and Connecticut Early College
408 Opportunity programs to provide education, training and placement
409 in jobs available in the manufacturing, health care, construction, green,
410 science, technology, computer science, engineering and mathematics
411 industries and other emerging sectors of the state's economy. Such
412 plan shall include a proposal to fund such programs.

413 Sec. 11. (*Effective from passage*) The Connecticut Higher Education
414 Supplemental Loan Authority, constituted pursuant to section 10a-179
415 of the general statutes, shall develop legislative recommendations to
416 establish and administer a technology degree loan program that offers
417 loan forgiveness to graduates of institutions of higher education in the
418 state for each year such graduate (1) works for a technology company
419 in the state, and (2) resides in the state. Not later than January 17, 2020,
420 the executive director of said authority shall submit such
421 recommendations, in accordance with the provisions of section 11-4a
422 of the general statutes, to the joint standing committees of the General
423 Assembly having cognizance of matters relating to higher education

424 and finance, revenue and bonding.

425 Sec. 12. (NEW) (*Effective from passage*) There shall be a Chief Talent
426 Strategy Officer within the office of the Governor and appointed by the
427 Governor. Such officer shall be responsible for ensuring that the state
428 is producing the workforce required to meet the demands of
429 employers in the state and shall:

430 (1) Analyze existing and future talent needs of the state, using an
431 independent data provider with access to real-time labor market data
432 to identify (A) anticipated areas of job growth in the state over the next
433 five and ten years, state-wide and by region, (B) existing or projected
434 shortages in certificate and degree programs at institutions of higher
435 education in the state and short-term and long-term noncredit training
436 programs that are needed to support areas of job growth, (C) the
437 institutions of higher education in the state that are offering academic
438 programs most in demand by employers and by students, the
439 percentage of graduates of such institutions who are employed in the
440 state two years after graduation and the fields and industries in which
441 such graduates are employed, and (D) the capacity for growth in high-
442 demand academic programs offered by institutions of higher
443 education in the state;

444 (2) Coordinate with state agencies and quasi-public agencies to
445 prioritize and align state resources to meet the existing and future
446 talent needs of the state, as identified pursuant to subdivision (1) of
447 this section;

448 (3) Support the executive director of the Office of Higher Education
449 to implement the higher education strategic master plan developed
450 pursuant to section 10a-11b of the general statutes;

451 (4) Coordinate with municipal leaders to (A) share the results of the
452 analysis performed under subdivision (1) of this section with
453 employers, institutions of higher education in the state and other
454 stakeholders, and (B) provide a program to award grants to support

455 evidence-based solutions to cultivate, attract, hire and retain workers
 456 in high-demand fields and industries. Such program may include, but
 457 not be limited to, internship programs, education programs, incentives
 458 to attract mid-career workers and fellowship programs to attract and
 459 retain recent graduates; and

460 (5) Create a state-wide advisory board comprised of leaders from
 461 the institutions of higher education in the state and chief executive
 462 officers from companies domiciled in the state. Such advisory board
 463 shall meet biennially to advise the Chief Talent Strategy Officer on the
 464 implementation of this section.

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>July 1, 2019</i>	10-16b
Sec. 2	<i>July 1, 2019</i>	10-145a(d)
Sec. 3	<i>July 1, 2019</i>	10-155d
Sec. 4	<i>July 1, 2019</i>	New section
Sec. 5	<i>July 1, 2019</i>	10-145d(e)
Sec. 6	<i>from passage</i>	New section
Sec. 7	<i>July 1, 2019</i>	New section
Sec. 8	<i>July 1, 2019</i>	12-217g
Sec. 9	<i>from passage</i>	New section
Sec. 10	<i>July 1, 2019</i>	31-11ff
Sec. 11	<i>from passage</i>	New section
Sec. 12	<i>from passage</i>	New section

Statement of Purpose:

To implement various initiatives to develop and promote a technologically trained workforce to meet the needs of the state's employers.

[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.]