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LEGISLATIVE ACTION

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| Senate     | . | House |
| Comm: RCS  | . |       |
| 01/27/2020 | . |       |
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The Committee on Education (Hutson) recommended the following:

**Senate Amendment (with title amendment)**

Delete everything after the enacting clause  
and insert:

Section 1. Section 446.541, Florida Statutes, is created to  
read:

446.541 Work-based learning.-

(1) It is the intent of the Legislature that, to the extent  
possible, school districts place students in paid work  
experiences for purposes of educational training and work-based  
learning.



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12           (2) For purposes of this section, the term "work-based  
13 learning" is synonymous with the term "on-the-job training" and  
14 means interactions with industry or community professionals in  
15 off-campus workplaces which foster in-depth, firsthand  
16 engagement with the tasks required in a given career field and  
17 which are aligned to curriculum and instruction.

18           (3) (a) Individuals 18 years of age or younger who are  
19 enrolled in a Florida-registered preapprenticeship program that  
20 requires work-based learning or a registered apprenticeship  
21 program administered under ss. 446.011-446.092 and who are  
22 injured as a result of participation in the program are deemed  
23 to be employees of the state for purposes of workers'  
24 compensation coverage only for medically necessary care rendered  
25 as a direct result of that injury.

26           (b) Any students in grades 6 through 12 who are enrolled in  
27 a course identified in the Course Code Directory which  
28 incorporates a work-based learning component or an activity that  
29 is unpaid and who are injured due to participation in such  
30 component or activity are deemed to be employees of the state  
31 for purposes of workers' compensation coverage only for  
32 medically necessary care needed as a direct result of that  
33 injury.

34           Section 2. Section 446.011, Florida Statutes, is amended to  
35 read:

36           446.011 Legislative intent regarding apprenticeship  
37 training.—

38           (1) It is the intent of the State of Florida to provide  
39 educational opportunities for its residents so that they can be  
40 trained for trades, occupations, and professions suited to their



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41 abilities. It is the intent of this act to promote the mode of  
42 training known as apprenticeship in occupations throughout  
43 industry in this ~~the~~ state ~~that require physical manipulative~~  
44 ~~skills.~~ The Legislature further intends to broaden ~~By broadening~~  
45 job training opportunities by increasing ~~and providing for~~  
46 ~~increased~~ coordination between secondary and postsecondary  
47 educational institutions and business and industry participating  
48 in registered apprenticeship programs so that ~~public school~~  
49 ~~academic programs, career programs, and registered~~  
50 ~~apprenticeship programs,~~ the residents of this state will  
51 benefit from an additional on-ramp to a postsecondary credential  
52 or degree when on-the-job training is combined with related  
53 technical and theoretical instruction provided by a school  
54 district, a Florida College System institution, or a state  
55 university. Therefore, this act encourages apprenticeship  
56 programs that lead to college credit or a college degree.  
57 ~~Moreover, the valuable training opportunities developed when on-~~  
58 ~~the-job training is combined with academic-related classroom~~  
59 ~~experiences.~~ this act is intended to develop the apparent  
60 potentials in apprenticeship training by assisting in the  
61 establishment of preapprenticeship programs in the public school  
62 system and elsewhere and by expanding presently registered  
63 programs as well as promoting new registered programs in jobs  
64 that lend themselves to apprenticeship training.

65 (2) It is the intent of the Legislature that the Department  
66 of Education have responsibility for the development of the  
67 registered apprenticeship and registered preapprenticeship  
68 uniform minimum standards for ~~the~~ apprenticeable occupations  
69 ~~trades~~ and that the department have responsibility for assisting



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70 eligible program sponsors pursuant to s. 446.071 ~~district school~~  
71 ~~boards and Florida College System institution boards of trustees~~  
72 in developing preapprenticeship programs.

73 (3) It is the further intent of ss. 446.011-446.092 that  
74 the department ensure quality training through the adoption and  
75 enforcement of uniform minimum standards and that the department  
76 promote, register, monitor, and service apprenticeship and  
77 preapprenticeship training programs and ensure that the programs  
78 adhere to the standards.

79 (4) It is the intent of the Legislature that this act not  
80 require the use of apprentices on construction projects financed  
81 by the state or any county, municipality, town or township,  
82 public authority, special district, municipal service taxing  
83 unit, or other agency of state or local government.  
84 Notwithstanding this intent, whenever any government or agency  
85 of government employs, of its own choice, apprentices or employs  
86 contractors who employ apprentices, the behavior of the  
87 government and the contractors employed by the government shall  
88 be governed by the provisions of this act.

89 Section 3. Section 446.021, Florida Statutes, is amended to  
90 read:

91 (Substantial rewording of section. See  
92 s. 446.021, F.S., for present text.)

93 446.021 Definitions of terms used in ss. 446.011-446.092.-

94 As used in ss. 446.011-446.092, the term:

95 (1) "Apprentice" means a person at least 16 years of age  
96 who has entered into an apprenticeship agreement with a  
97 registered apprenticeship program sponsor, is engaged in  
98 learning an apprenticeable occupation through actual work



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99 experience under the supervision of journeymen, and is  
100 enrolled in the apprenticeship program in which he or she  
101 receives an organized and systematic form of instruction  
102 designed to provide theoretical and technical knowledge related  
103 to the occupation.

104 (2) "Apprenticeship program" means a program that is  
105 registered with the department on the basis of submission to the  
106 department of a plan that contains the terms and conditions for  
107 the qualification, recruitment, selection, employment, and  
108 training of apprentices, including requirements for a written  
109 apprenticeship agreement.

110 (3) "Cancellation" means the termination or deregistration  
111 of an apprenticeship program at the request of the program  
112 sponsor, or the termination of an apprenticeship agreement at  
113 the request of the apprentice.

114 (4) "Department" means the Department of Education.

115 (5) "Journeyworker" means a person working in an  
116 apprenticeable occupation who has successfully completed a  
117 registered apprenticeship program or who has worked the number  
118 of years required by established industry practices for the  
119 particular trade or occupation.

120 (6) "On-the-job training" means a structured system of work  
121 processes, under the supervision of a journeyworker, which  
122 provides the experience and knowledge necessary to meet the  
123 training objective of learning a specific skill, trade, or  
124 occupation.

125 (7) "Preapprentice" means a person at least 16 years of age  
126 who enters into a preapprenticeship agreement with a  
127 preapprenticeship program sponsor approved by the department and



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128 who is engaged in learning an apprenticeable occupation in any  
129 course of instruction in the public school system or elsewhere.

130 (8) "Preapprenticeship program" means a program sponsored  
131 by an apprenticeship program in the same occupation which is  
132 registered with the department on the basis of submission to the  
133 department of a plan that contains the terms and conditions of  
134 instruction in the public school system or elsewhere and is  
135 designed to prepare a registered preapprentice to become an  
136 apprentice in an apprenticeship program.

137 (9) "Related technical instruction" means an organized and  
138 systematic form of instruction designed to provide an apprentice  
139 or preapprentice with knowledge of the theoretical subjects  
140 related to a specific trade or occupation.

141 (10) "Uniform minimum standards" means the minimum  
142 requirements established for each occupation under which an  
143 apprenticeship or a preapprenticeship program is administered.  
144 The term includes standards of admission, training goals,  
145 training objectives, curriculum outlines, objective standards to  
146 measure successful completion of the apprenticeship or  
147 preapprenticeship program, and the percentage of credit which  
148 may be given to apprentices or preapprentices. Minimum  
149 requirements must be uniform across all occupations.

150 Section 4. Section 446.032, Florida Statutes, is amended to  
151 read:

152 446.032 General duties of the department for apprenticeship  
153 training.—The department shall:

154 (1) Establish uniform minimum standards and policies  
155 governing registered apprenticeship ~~apprentice~~ programs and  
156 agreements. The standards and policies shall govern the terms



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157 and conditions of the apprentice's employment and training,  
158 including the quality training of the apprentice for, but not  
159 limited to, such matters as ratios of apprentices to  
160 journeyworkers, safety, related technical instruction, and on-  
161 the-job training; but these standards and policies may not  
162 include rules, standards, or guidelines that require the use of  
163 apprentices ~~and job trainees~~ on state, county, or municipal  
164 contracts. ~~The department may adopt rules necessary to~~  
165 ~~administer the standards and policies.~~

166 (2) By September 1 of each year, publish an annual report  
167 on registered apprenticeship and registered preapprenticeship  
168 programs. The report must be published on the department's  
169 website and, at a minimum, include all of the following:

170 (a) A list of registered apprenticeship and registered  
171 preapprenticeship programs, sorted by local educational agency,  
172 as defined in s. 1004.02(18), and apprenticeship sponsor, under  
173 s. 446.071.

174 (b) A detailed summary of each local educational agency's  
175 expenditure of funds for registered apprenticeship and  
176 registered preapprenticeship programs, including:

177 1. The total amount of funds received for registered  
178 apprenticeship and registered preapprenticeship programs;

179 2. The total amount of funds allocated to each trade or  
180 apprenticeable occupation;

181 3. The total amount of funds expended for administrative  
182 costs per apprenticeable ~~trade or~~ occupation; and

183 4. The total amount of funds expended for instructional  
184 costs per apprenticeable ~~trade and~~ occupation.

185 (c) The number of apprentices and preapprentices per



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186 apprenticeable trade and occupation.

187 (d) The percentage of registered apprentices and  
188 preapprentices who complete their respective programs ~~in the~~  
189 ~~appropriate timeframe.~~

190 (e) Information and resources related to ~~applications for~~  
191 new registered apprenticeship programs and technical assistance  
192 and requirements for potential registered apprenticeship  
193 programs applicants.

194 (f) Documentation of activities conducted by the department  
195 to promote registered apprenticeship and registered  
196 preapprenticeship programs through public engagement, community-  
197 based partnerships, and other initiatives.

198 (3) Provide assistance to district school boards, Florida  
199 College System institution boards of trustees, eligible program  
200 sponsors pursuant to s. 446.071, and local workforce development  
201 boards in notifying students, parents, and members of the  
202 community of the availability of apprenticeship and  
203 preapprenticeship opportunities, including data provided in the  
204 economic security report pursuant to s. 445.07.

205 (4) Establish procedures to be used by the State  
206 Apprenticeship Advisory Council.

207 Section 5. Section 446.041, Florida Statutes, is amended to  
208 read:

209 446.041 Apprenticeship program, duties of the department.-  
210 The department shall:

211 (1) Administer ss. 446.011-446.092.

212 (2) Review and evaluate ~~Administer~~ the uniform minimum  
213 standards established by the department for registered  
214 apprenticeship and registered preapprenticeship programs.





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215 (3) Register, in accordance with this chapter, any  
216 apprenticeship or preapprenticeship program ~~that, regardless of~~  
217 ~~affiliation, which~~ meets the uniform minimum standards  
218 established by the department.

219 (4) Investigate complaints concerning the failure of any  
220 registered program to meet the uniform minimum standards  
221 established by the department.

222 (5) Cancel the registration of any program that fails to  
223 comply with the uniform minimum standards and policies of the  
224 department or that unreasonably fails or refuses to cooperate  
225 with the department in monitoring and enforcing compliance with  
226 the uniform minimum standards.

227 (6) Encourage potential sponsors to develop ~~and encourage~~  
228 ~~apprenticeship or preapprenticeship~~ programs.

229 (7) Lead and coordinate outreach efforts to educate  
230 veterans about apprenticeship programs ~~and career opportunities.~~

231 (8) Cooperate with and assist registered local  
232 apprenticeship sponsors in the development of their  
233 apprenticeship uniform minimum standards and their training  
234 requirements.

235 (9) Encourage ~~registered~~ apprenticeship programs to grant  
236 consideration and credit to individuals completing ~~registered~~  
237 preapprenticeship programs.

238 (10) Monitor registered apprenticeship programs to ensure  
239 that they are being operated in compliance with all applicable  
240 uniform minimum standards.

241 ~~Supervise all apprenticeship programs that are~~  
242 ~~registered with the department.~~

243 ~~(12)~~ Ensure that minority and gender diversity are



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244 considered in apprenticeship and preapprenticeship programs  
245 ~~administering this program.~~

246 (12)~~(13)~~ Adopt rules required to administer ss. 446.011-  
247 446.092.

248 Section 6. Section 446.045, Florida Statutes, is amended to  
249 read:

250 446.045 State Apprenticeship Advisory Council.—

251 (1) As used in this section, the term:

252 (a) "Joint organization" means an apprenticeship sponsor  
253 who participates in a collective bargaining agreement.

254 (b) "Nonjoint organization" means an apprenticeship sponsor  
255 who does not participate in a collective bargaining agreement.

256 (2) (a) There is created a State Apprenticeship Advisory  
257 Council to be composed of 10 voting members appointed by the  
258 Governor and two ex officio nonvoting members. The purpose of  
259 the advisory council is to advise the department on matters  
260 relating to registered apprenticeship and registered  
261 preapprenticeship. The advisory council may not establish  
262 policy, adopt rules, or consider whether particular registered  
263 apprenticeship or registered preapprenticeship programs should  
264 be approved by the department.

265 (b) The Commissioner of Education or the commissioner's  
266 designee shall serve ex officio as chair of the State  
267 Apprenticeship Advisory Council, but may not vote. A  
268 representative ~~The state director~~ of the Office of  
269 Apprenticeship of the United States Department of Labor shall  
270 serve ex officio as a nonvoting member of the council. The  
271 Governor shall appoint to the council four members representing  
272 employee organizations and four members representing employer



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273 organizations. Each of these eight members shall represent  
274 industries that have registered apprenticeship programs. The  
275 Governor shall also appoint two public members who are  
276 knowledgeable about registered apprenticeship and apprenticeable  
277 occupations and who are independent of any joint or nonjoint  
278 organization. Members shall be appointed for 4-year staggered  
279 terms. A vacancy shall be filled for the remainder of the  
280 unexpired term.

281 (c) The council shall meet at the call of the chair or the  
282 chair's designee, or at the request of a majority of its voting  
283 membership, but at least twice a year. A majority of the voting  
284 members constitutes ~~shall constitute~~ a quorum, and the  
285 affirmative vote of a majority of a quorum is necessary to take  
286 action.

287 (d) The Governor may remove any member for cause.

288 (e) The council shall maintain minutes of each meeting. The  
289 department shall keep on file the minutes of each meeting and  
290 shall make the minutes available to any interested person.

291 (f) Members of the council shall serve without compensation  
292 and are not entitled to receive reimbursement for per diem and  
293 travel expenses under s. 112.061. Meetings may be held via  
294 teleconference or other electronic means.

295 Section 7. Section 446.051, Florida Statutes, is amended to  
296 read:

297 446.051 Related instruction for apprentices.—

298 (1) The administration and supervision of related and  
299 supplemental instruction for apprentices, the coordination of  
300 such instruction with job experiences, and the selection and  
301 training of teachers, instructors, and coordinators for such



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302 instruction, all as approved by the department, are ~~registered~~  
303 ~~program sponsor~~, shall be the responsibility of the registered  
304 apprenticeship or registered preapprenticeship program sponsor  
305 ~~appropriate career education institution~~.

306 (2) District school boards and Florida College System  
307 institution and state university boards of trustees are ~~The~~  
308 ~~appropriate career education institution~~ shall be encouraged to  
309 cooperate with and assist in providing to any registered program  
310 sponsor facilities, equipment and supplies, and instructors'  
311 salaries for the performance of related and supplemental  
312 instruction associated with the registered apprenticeship or  
313 preapprenticeship ~~registered~~ program.

314 Section 8. Section 446.052, Florida Statutes, is amended to  
315 read:

316 446.052 Preapprenticeship program.—

317 (1) There is created and established a preapprenticeship  
318 education program, as defined in s. 446.021.

319 (2) The department, under regulations established by the  
320 State Board of Education, may administer the provisions of ss.  
321 446.011-446.092 which relate to preapprenticeship programs ~~in~~  
322 ~~cooperation with district school boards and Florida College~~  
323 ~~System institution boards of trustees~~. District school boards,  
324 Florida College System institution and State University System  
325 boards of trustees, and registered apprenticeship ~~registered~~  
326 program sponsors are encouraged to ~~shall~~ cooperate in developing  
327 and establishing preapprenticeship programs that include career  
328 instruction ~~and general education courses required to obtain a~~  
329 ~~high school diploma~~.

330 (3) The department, ~~the~~ district school boards, and ~~the~~



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331 Florida College System and State University System institution  
332 boards of trustees shall work together with existing registered  
333 apprenticeship programs in order that individuals completing the  
334 preapprenticeship programs may be able to receive credit toward  
335 ~~towards~~ completing an a registered apprenticeship program. In  
336 addition, such boards and boards of trustees are encouraged to  
337 cooperate with established associate of science or associate of  
338 applied science degree programs and career certificate programs  
339 to ensure that individuals completing a registered  
340 apprenticeship program may be able to receive college credit  
341 toward a technical degree education program.

342 (4) If qualified, veterans who have received discharges  
343 other than dishonorable discharges shall, ~~if qualified,~~ receive  
344 the same priorities given to registered preapprentices.

345 Section 9. Section 446.071, Florida Statutes, is amended  
346 to read:

347 446.071 Apprenticeship sponsors.-

348 (1) One or more ~~local~~ apprenticeship sponsors must shall be  
349 approved in any apprenticeable occupation trade or multiple  
350 apprenticeable occupations ~~group of trades~~ by the department,  
351 upon a determination of need, if the apprenticeship sponsor  
352 meets all of the uniform minimum standards established by the  
353 department. ~~The term "need" refers to the need of state~~  
354 ~~residents for apprenticeship training. In the absence of proof~~  
355 ~~to the contrary, it shall be presumed that there is need for~~  
356 ~~apprenticeship and preapprenticeship training in each county in~~  
357 ~~this state.~~

358 (2) An A local apprenticeship sponsor may be a committee, a  
359 group of employers, an employer, ~~or~~ a group of employees, an



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360 educational institution, a local workforce board, a community or  
361 faith-based organization, an association, or any entity  
362 preapproved by the department as being in accordance with this  
363 chapter combination thereof.

364 (3) The department may grant a variance from the uniform  
365 minimum standards upon a showing of good cause for the variance  
366 by program sponsors in nonconstruction trades. The purpose of  
367 this subsection is to recognize the unique and varying training  
368 requirements in nontraditional apprenticeable occupations and to  
369 authorize the department to adapt the standards to the needs of  
370 the programs.

371 Section 10. Section 446.081, Florida Statutes, is amended  
372 to read:

373 446.081 Limitation.—

374 (1) Nothing in ss. 446.011-446.092 or in any apprentice  
375 agreement approved under those sections invalidates ~~may~~  
376 ~~invalidate:~~

377 ~~(a) any apprenticeship provision in any collective~~  
378 ~~agreement between employers and employees setting up higher~~  
379 ~~apprenticeship standards.~~

380 ~~(b) Any special provision for veterans, minority persons,~~  
381 ~~or women in the standards, apprenticeship qualifications, or~~  
382 ~~operation of the program that is not otherwise prohibited by~~  
383 ~~law, executive order, or authorized regulation.~~

384 (2) A ~~No~~ person may not ~~shall~~ institute any action for the  
385 enforcement of any apprentice agreement, or for damages for the  
386 breach of any apprentice agreement, made under ss. 446.011-  
387 446.092, unless he or she has first exhausted all administrative  
388 remedies provided by this section.



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389 (3) Any person aggrieved by any determination or act of the  
390 department has the right to an administrative hearing.

391 (4) Nothing in ss. 446.011-446.092 or in any rules adopted  
392 or contained in any approved apprentice agreement under such  
393 sections invalidates any special provision for veterans,  
394 minority persons, or women in the standards, qualifications, or  
395 operation of the apprenticeship program which is not otherwise  
396 prohibited by any applicable general law, executive order, rule,  
397 or regulation.

398 Section 11. Section 446.091, Florida Statutes, is repealed.

399 Section 12. Section 446.092, Florida Statutes, is amended  
400 to read:

401 446.092 Criteria for apprenticeship occupations.—At a  
402 minimum, an apprenticeable occupation must possess ~~is a skilled~~  
403 ~~trade which possesses~~ all of the following characteristics:

404 (1) It is customarily learned in a practical way through a  
405 structured, systematic program of on-the-job, supervised  
406 training.

407 (2) It is clearly identified and commonly recognized  
408 throughout an industry.

409 (3) It involves manual, mechanical, or technical skills and  
410 knowledge which, in accordance with the industry standards for  
411 the occupation, requires ~~would require~~ a minimum of 2,000 hours  
412 of on-the-job training, which hours are excluded from the time  
413 spent at related technical or supplementary related instruction.

414 (4) It requires related technical instruction to supplement  
415 on-the-job training. Such instruction may be given in a  
416 classroom, through occupational or industrial courses or  
417 correspondence courses of equivalent value, through electronic



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418 media, or through other forms of self-study approved by the  
419 department.

420 Section 13. Paragraph (e) of subsection (1) of section  
421 1003.4156, Florida Statutes, is redesignated as subsection (2)  
422 and amended, present subsection (2) of that section is  
423 redesignated as subsection (4), and a new subsection (3) is  
424 added to that section, to read:

425 1003.4156 General requirements for middle grades  
426 promotion.—

427 (1) In order for a student to be promoted to high school  
428 from a school that includes middle grades 6, 7, and 8, the  
429 student must successfully complete the following courses:

430 (2) ~~(e)~~ Students are encouraged to complete one course in  
431 career and education planning which may be offered ~~to be~~  
432 ~~completed~~ in grades 6, 7, or 8, and ~~which~~ may be taught by any  
433 member of the instructional staff. The course should ~~must~~ be  
434 Internet-based, customizable to each student, and include  
435 research-based assessments to assist students in determining  
436 educational and career options and goals. In addition, the  
437 course should ~~must~~ result in a completed personalized academic  
438 and career plan for the student that may be revised as the  
439 student progresses through middle school and high school; ~~must~~  
440 emphasize the importance of entrepreneurship and employability  
441 skills; and ~~must~~ include information from the Department of  
442 Economic Opportunity's economic security report under s. 445.07.  
443 The ~~required~~ personalized academic and career plan should ~~must~~  
444 inform students of high school graduation requirements,  
445 including a detailed explanation of the requirements for earning  
446 a high school diploma designation under s. 1003.4285; the





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447 requirements for each scholarship in the Florida Bright Futures  
448 Scholarship Program; state university and Florida College System  
449 institution admission requirements; available opportunities to  
450 earn college credit in high school, including Advanced Placement  
451 courses; the International Baccalaureate Program; the Advanced  
452 International Certificate of Education Program; dual enrollment,  
453 including career dual enrollment; and career education courses,  
454 including career-themed courses, preapprenticeship and  
455 apprenticeship programs, and course sequences that lead to  
456 industry certification pursuant to s. 1003.492 or s. 1008.44.  
457 The course may be implemented as a stand-alone course or  
458 integrated into another course or courses.

459 (3) The Florida Virtual School may offer a course that  
460 conforms to the guidelines established in subsection (2).

461 (4)~~(2)~~ The State Board of Education shall adopt rules  
462 pursuant to ss. 120.536(1) and 120.54 to implement this section  
463 and may enforce this section pursuant to s. 1008.32.

464 Section 14. Paragraph (d) is added to subsection (8) of  
465 section 1003.4282, Florida Statutes, to read:

466 1003.4282 Requirements for a standard high school diploma.—

467 (8) CAREER EDUCATION COURSES THAT SATISFY HIGH SCHOOL  
468 CREDIT REQUIREMENTS.—

469 (d) School districts or regional consortia may work with  
470 national providers to submit recommended career-themed courses  
471 to the department for state board approval. Recommended courses  
472 must meet the requirements set forth in s. 1003.493(2), (4), and  
473 (5) that students can take and earn required high school course  
474 credits.

475 Section 15. Present subsections (3) through (8) of section



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476 1007.23, Florida Statutes, are redesignated as subsections (4)  
477 through (9), respectively, and a new subsection (3) is added to  
478 that section, to read:

479 1007.23 Statewide articulation agreement.—

480 (3) To facilitate seamless transfer, reduce excess credit  
481 hours, and ensure that students are taking the relevant courses  
482 needed for their future careers, the articulation agreement must  
483 specify three mathematics pathways, which are aligned to  
484 programs, meta-majors, and careers, on which degree seeking  
485 students must be placed.

486 Section 16. By September 31, 2020, the Articulation  
487 Coordinating Committee shall convene a representative workgroup  
488 composed of academic affairs administrators and faculty from  
489 state universities and Florida College System institutions to  
490 identify the three pathways. The workgroup shall report its  
491 recommendations to the Articulation Coordinating Committee, the  
492 Board of Governors, and the State Board of Education by March  
493 31, 2021. The Articulation Coordinating Committee shall approve  
494 the mathematics pathways by May 31, 2021.

495 Section 17. Subsections (2) and (4) of section 1007.2616,  
496 Florida Statutes, is amended to read:

497 1007.2616 Computer science and technology instruction.—

498 (2) (a) Public schools shall provide students in grades K-12  
499 opportunities for learning computer science, including, but not  
500 limited to, computer coding and computer programming. Such  
501 opportunities must ~~may~~ include computational thinking and  
502 foundational computer science skills ~~coding~~ instruction in  
503 elementary school ~~and middle school~~ and instruction to develop  
504 students' computer usage and digital literacy skills in middle



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505 school, and must include courses in computer science in middle  
506 school and high school, including earning-related industry  
507 certifications. Such courses must be integrated into each school  
508 district's middle and high schools, including combination  
509 schools in which any of grades 6 through 12 are taught.

510 (b) Computer science courses must be identified in the  
511 Course Code Directory and published on the Department of  
512 Education's website ~~no later than July 1, 2018. Additional~~  
513 ~~computer science courses may be subsequently identified and~~  
514 ~~posted on the department's website.~~

515 (4) (a) Subject to legislative appropriation, a school  
516 district or a consortium of school districts may apply to the  
517 department, in a format prescribed by the department, for  
518 funding to deliver or facilitate training for classroom teachers  
519 to earn an educator certificate in computer science pursuant to  
520 s. 1012.56, or training that leads to an industry certification  
521 associated with a course identified in the Course Code Directory  
522 pursuant to paragraph (2) (b), or for professional development  
523 for classroom teachers to provide instruction in computer  
524 science courses and content for grades K-12, or for the purchase  
525 of technology, including hardware and software, directly related  
526 to computer science instruction. Such funding shall only be used  
527 to provide training for classroom teachers, or to pay fees for  
528 examinations that lead to a credential, or to provide  
529 professional development, pursuant to this paragraph.

530 (b) The department shall award funding to school districts  
531 or consortia using criteria developed by the department ~~Once the~~  
532 ~~department has identified courses in the Course Code Directory~~  
533 ~~pursuant to paragraph (2) (b), the department shall establish a~~



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534 ~~deadline for submitting applications. The department shall award~~  
535 ~~funding to school districts in a manner that allows for an~~  
536 ~~equitable distribution of funding statewide based on student~~  
537 ~~population.~~

538 Section 18. Paragraph (a) of subsection (1) and paragraph  
539 (b) of subsection (4) of section 1008.44, Florida Statutes, are  
540 amended, and paragraph (f) is added to subsection (1), to read:

541 1008.44 CAPE Industry Certification Funding List and CAPE  
542 Postsecondary Industry Certification Funding List.—

543 (1) Pursuant to ss. 1003.4203 and 1003.492, the Department  
544 of Education shall, at least annually, identify, under rules  
545 adopted by the State Board of Education, and the Commissioner of  
546 Education may at any time recommend adding the following  
547 certificates, certifications, and courses:

548 (a) CAPE industry certifications identified on the CAPE  
549 Industry Certification Funding List that must be applied in the  
550 distribution of funding to school districts pursuant to s.  
551 1011.62(1)(o). The CAPE Industry Certification Funding List  
552 shall incorporate by reference the industry certifications on  
553 the career pathways list approved for the Florida Gold Seal CAPE  
554 ~~Vocational~~ Scholars award. In addition, by August 1 of each  
555 year, the not-for-profit corporation established pursuant to s.  
556 445.004 may annually select one industry certification, that  
557 does not articulate for college credit, for inclusion on the  
558 CAPE Industry Certification Funding List for a period of 3 years  
559 unless otherwise approved by the curriculum review committee  
560 pursuant to s. 1003.491. Such industry certifications, if earned  
561 by a student, shall be eligible for additional full-time  
562 equivalent membership, pursuant to s. 1011.62(1)(o)1.



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563           (f) Industry certifications associated with aviation-  
564 related and aerospace-related occupations must be identified by  
565 the Commissioner of Education and, if earned by a student, are  
566 eligible for additional full-time equivalent membership pursuant  
567 to s. 1011.62(1)(o)1.e. These industry certifications must be  
568 identified on the CAPE Industry Certification Funding List.

569           (4)

570           (b) For the purpose of calculating additional full-time  
571 equivalent membership pursuant to s. 1011.62(1)(o)1.e., the  
572 Commissioner of Education may limit CAPE industry certifications  
573 and CAPE Digital Tool certificates to students in certain grades  
574 ~~based on formal recommendations by providers of CAPE industry~~  
575 ~~certifications and CAPE Digital Tool certificates.~~

576           Section 19. Paragraph (o) of subsection (1) of Section  
577 1011.62, Florida Statutes, is amended to read:

578           1011.62 Funds for operation of schools.—If the annual  
579 allocation from the Florida Education Finance Program to each  
580 district for operation of schools is not determined in the  
581 annual appropriations act or the substantive bill implementing  
582 the annual appropriations act, it shall be determined as  
583 follows:

584           (1) COMPUTATION OF THE BASIC AMOUNT TO BE INCLUDED FOR  
585 OPERATION.—The following procedure shall be followed in  
586 determining the annual allocation to each district for  
587 operation:

588           (o) *Calculation of additional full-time equivalent*  
589 *membership based on successful completion of a career-themed*  
590 *course pursuant to ss. 1003.491, 1003.492, and 1003.493, or*  
591 *courses with embedded CAPE industry certifications or CAPE*



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592 *Digital Tool certificates, and issuance of industry*  
593 *certification identified on the CAPE Industry Certification*  
594 *Funding List pursuant to rules adopted by the State Board of*  
595 *Education or CAPE Digital Tool certificates pursuant to s.*  
596 *1003.4203.—*

597       1.a. A value of 0.025 full-time equivalent student  
598 membership shall be calculated for CAPE Digital Tool  
599 certificates earned by students in elementary and middle school  
600 grades.

601       b. A value of 0.1 or 0.2 full-time equivalent student  
602 membership shall be calculated for each student who completes a  
603 course as defined in s. 1003.493(1) (b) or courses with embedded  
604 CAPE industry certifications and who is issued an industry  
605 certification identified annually on the CAPE Industry  
606 Certification Funding List approved under rules adopted by the  
607 State Board of Education. For a CAPE industry certification that  
608 has a statewide articulation agreement of 4 to 14 college  
609 credits, a value of 0.2 full-time equivalent membership shall be  
610 calculated. For a CAPE industry certification that has a  
611 statewide articulation agreement of 1 to 3 college credits and  
612 is deemed by the department to be of sufficient rigor and to be  
613 linked to a high-skill occupation, a value of 0.2 full-time  
614 equivalent membership shall be calculated. For all other CAPE  
615 industry certifications with a statewide articulation agreement  
616 of 1 to 3 college credits, a value of 0.1 full-time equivalent  
617 membership shall be calculated ~~A value of 0.2 full-time~~  
618 ~~equivalent membership shall be calculated for each student who~~  
619 ~~is issued a CAPE industry certification that has a statewide~~  
620 ~~articulation agreement for college credit approved by the State~~



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621 ~~Board of Education.~~ For CAPE industry certifications that do not  
622 articulate for college credit, the Department of Education shall  
623 calculate ~~assign~~ a full-time equivalent value of 0.1 for each  
624 certification. Middle grades students who earn additional FTE  
625 membership for a CAPE Digital Tool certificate pursuant to sub-  
626 subparagraph a. may not use the previously funded examination to  
627 satisfy the requirements for earning an industry certification  
628 under this sub-subparagraph. ~~Additional FTE membership for an~~  
629 ~~elementary or middle grades student may not exceed 0.1 for~~  
630 ~~certificates or certifications earned within the same fiscal~~  
631 ~~year.~~ The State Board of Education shall include the assigned  
632 values on the CAPE Industry Certification Funding List under  
633 rules adopted by the state board. Such value shall be added to  
634 the total full-time equivalent student membership for grades 6  
635 through 12 in the subsequent year. CAPE industry certifications  
636 earned through dual enrollment must be reported and funded  
637 pursuant to s. 1011.80. However, if a student earns a  
638 certification through a dual enrollment course and the  
639 certification is not a fundable certification on the  
640 postsecondary certification funding list, or the dual enrollment  
641 certification is earned as a result of an agreement between a  
642 school district and a nonpublic postsecondary institution, the  
643 bonus value shall be funded in the same manner as other nondual  
644 enrollment course industry certifications. In such cases, the  
645 school district may provide for an agreement between the high  
646 school and the technical center, or the school district and the  
647 postsecondary institution may enter into an agreement for  
648 equitable distribution of the bonus funds.

649 c. A value of 0.3 full-time equivalent student membership



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650 shall be calculated for student completion of the courses and  
651 the embedded certifications identified on the CAPE Industry  
652 Certification Funding List and approved by the commissioner  
653 pursuant to ss. 1003.4203(5) (a) and 1008.44.

654 d. A value of 0.5 full-time equivalent student membership  
655 shall be calculated for CAPE Acceleration Industry  
656 Certifications that articulate for 15 to 29 college credit  
657 hours, and 1.0 full-time equivalent student membership shall be  
658 calculated for CAPE Acceleration Industry Certifications that  
659 articulate for 30 or more college credit hours pursuant to CAPE  
660 Acceleration Industry Certifications approved by the  
661 commissioner pursuant to ss. 1003.4203(5) (b) and 1008.44.

662 e. In addition to the full-time equivalent student  
663 membership calculated under paragraphs (a)-(d), a supplemental  
664 value of 0.2 full-time equivalent student membership shall be  
665 calculated for industry certifications identified on the CAPE  
666 Industry Certification Funding List as leading to employment in  
667 aviation-related or aerospace-related occupations and meeting  
668 specified criteria prescribed by the department.

669 2. Each district must allocate at least 80 percent of the  
670 funds provided for CAPE industry certification, in accordance  
671 with this paragraph, to the program that generated the funds.  
672 The remaining 20 percent may be used for other CAPE program  
673 expenses, such as administrative costs, which may not exceed 5  
674 percent of the funds provided, and new industry certification  
675 programs. All such funds must be used for CAPE programs. CAPE  
676 funding ~~This allocation~~ may not be used to supplant funds  
677 provided for basic operation of the program, such as teacher  
678 salaries and other costs that are funded with non-CAPE funds for





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679 other courses.

680           3. For CAPE industry certifications earned in the 2013-2014  
681 school year and in subsequent years, the school district shall  
682 distribute to each classroom teacher who provided direct  
683 instruction toward the attainment of a CAPE industry  
684 certification that qualified for additional full-time equivalent  
685 membership under subparagraph 1.:

686           a. A bonus of \$25 for each student taught by a teacher who  
687 provided instruction in a course that led to the attainment of a  
688 CAPE industry certification on the CAPE Industry Certification  
689 Funding List with a weight of 0.1.

690           b. A bonus of \$50 for each student taught by a teacher who  
691 provided instruction in a course that led to the attainment of a  
692 CAPE industry certification on the CAPE Industry Certification  
693 Funding List with a weight of 0.2.

694           c. A bonus of \$75 for each student taught by a teacher who  
695 provided instruction in a course that led to the attainment of a  
696 CAPE industry certification on the CAPE Industry Certification  
697 Funding List with a weight of 0.3.

698           d. A bonus of \$100 for each student taught by a teacher who  
699 provided instruction in a course that led to the attainment of a  
700 CAPE industry certification on the CAPE Industry Certification  
701 Funding List with a weight of 0.5 or 1.0.

702  
703 ~~Bonuses awarded pursuant to this paragraph shall be provided to~~  
704 ~~teachers who are employed by the district in the year in which~~  
705 ~~the additional FTE membership calculation is included in the~~  
706 ~~calculation. Bonuses awarded to teachers pursuant to this~~  
707 ~~paragraph must shall be calculated based upon the associated~~



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708 weight of a CAPE industry certification on the CAPE Industry  
709 Certification Funding List for the year in which the  
710 certification is earned by the student. Any bonus awarded to a  
711 teacher pursuant to this paragraph is in addition to any regular  
712 wage or other bonus the teacher received or is scheduled to  
713 receive. A bonus may not be awarded to a teacher who fails to  
714 maintain the security of any CAPE industry certification  
715 examination or who otherwise violates the security or  
716 administration protocol of any assessment instrument that may  
717 result in a bonus being awarded to the teacher under this  
718 paragraph.

719 Section 20. Paragraph (b) of subsection (7) of section  
720 1011.80, Florida Statutes, is amended to read:

721 1011.80 Funds for operation of workforce education  
722 programs.—

723 (7)

724 (b) Performance funding for industry certifications for  
725 school district workforce education programs is contingent upon  
726 specific appropriation in the General Appropriations Act and  
727 shall be determined as follows:

728 1. Occupational areas for which industry certifications may  
729 be earned, as established in the General Appropriations Act, are  
730 eligible for performance funding. Priority shall be given to the  
731 occupational areas emphasized in state, national, or corporate  
732 grants provided to Florida educational institutions.

733 2. The Chancellor of Career and Adult Education shall  
734 identify the industry certifications eligible for funding on the  
735 CAPE Postsecondary Industry Certification Funding List approved  
736 by the State Board of Education pursuant to s. 1008.44, based on



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737 the occupational areas specified in the General Appropriations  
738 Act.

739 3.a. Except as provided in sub-subparagraph b., each school  
740 district shall be provided \$1,000 for each industry  
741 certification earned by a workforce education student. If funds  
742 are insufficient to fully fund the calculated total award, such  
743 funds shall be prorated.

744 b. For each professional-level, Federal Aviation  
745 Administration industry certification earned by a workforce  
746 education student, each school district shall be provided a  
747 total of \$6,000. If funds are insufficient to fully fund the  
748 calculated total award, such funds shall be prorated.

749 Section 21. Section 1011.802, Florida Statutes is amended  
750 to read:

751 1011.802 Florida Pathways to Career Opportunities Grant  
752 Program.—

753 (1) Subject to appropriations provided in the General  
754 Appropriations Act, the Florida Pathways to Career Opportunities  
755 Grant Program is created to provide grants to high schools,  
756 career centers, charter technical career centers, Florida  
757 College System institutions, and other entities authorized to  
758 sponsor a registered ~~an~~ apprenticeship or registered  
759 preapprenticeship program, as defined in s. 446.021, on a  
760 competitive basis to establish new apprenticeship or  
761 preapprenticeship programs and expand existing apprenticeship or  
762 preapprenticeship programs. The Department of Education shall  
763 administer the grant program.

764 (2) Applications must contain projected enrollment and  
765 projected costs for the new or expanded apprenticeship program.



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766 (3) The department shall give priority to apprenticeship  
767 programs with demonstrated regional demand. Grant funds may be  
768 used for instructional equipment, supplies, instructional  
769 personnel, student services, and other expenses associated with  
770 the creation or expansion of an apprenticeship program. Grant  
771 funds may not be used for recurring instructional costs or for  
772 indirect costs. Grant recipients must submit quarterly reports  
773 in a format prescribed by the department.

774 (4) Up to \$200,000 of the total amount allocated may be  
775 used by the department to administer the grant program.

776 (5)~~(4)~~ The State Board of Education may adopt rules to  
777 administer this section.

778 Section 22. Paragraph (c) of subsection (2) of section  
779 1011.81, Florida Statutes, is amended to read:

780 1011.81 Florida College System Program Fund.—

781 (2) Performance funding for industry certifications for  
782 Florida College System institutions is contingent upon specific  
783 appropriation in the General Appropriations Act and shall be  
784 determined as follows:

785 (c) 1. Except as provided in subparagraph 2., each Florida  
786 College System institution shall be provided \$1,000 for each  
787 industry certification earned by a student. If funds are  
788 insufficient to fully fund the calculated total award, such  
789 funds shall be prorated.

790 2. For each professional-level, Federal Aviation  
791 Administration industry certification earned by a student, each  
792 Florida College System institution shall be provided a total of  
793 \$6,000. If funds are insufficient to fully fund the calculated  
794 total award, such funds shall be prorated.



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795 Section 23. Section 1009.25, Florida Statutes, is reenacted  
796 to read:

797 1009.25 Fee exemptions.—

798 (1) The following students are exempt from the payment of  
799 tuition and fees, including lab fees, at a school district that  
800 provides workforce education programs, Florida College System  
801 institution, or state university:

802 (a) A student enrolled in a dual enrollment or early  
803 admission program pursuant to s. 1007.271.

804 (b) A student enrolled in an approved apprenticeship  
805 program, as defined in s. 446.021.

806 (c) A student who is or was at the time he or she reached  
807 18 years of age in the custody of the Department of Children and  
808 Families or who, after spending at least 6 months in the custody  
809 of the department after reaching 16 years of age, was placed in  
810 a guardianship by the court. Such exemption includes fees  
811 associated with enrollment in applied academics for adult  
812 education instruction. The exemption remains valid until the  
813 student reaches 28 years of age.

814 (d) A student who is or was at the time he or she reached  
815 18 years of age in the custody of a relative or nonrelative  
816 under s. 39.5085 or s. 39.6225 or who was adopted from the  
817 Department of Children and Families after May 5, 1997. Such  
818 exemption includes fees associated with enrollment in applied  
819 academics for adult education instruction. The exemption remains  
820 valid until the student reaches 28 years of age.

821 (e) A student enrolled in an employment and training  
822 program under the welfare transition program. The local  
823 workforce development board shall pay the state university,



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824 Florida College System institution, or school district for costs  
825 incurred for welfare transition program participants.

826 (f) A student who lacks a fixed, regular, and adequate  
827 nighttime residence or whose primary nighttime residence is a  
828 public or private shelter designed to provide temporary  
829 residence, a public or private transitional living program, or a  
830 public or private place not designed for, or ordinarily used as,  
831 a regular sleeping accommodation for human beings. This includes  
832 a student who would otherwise meet the requirements of this  
833 paragraph, as determined by a college or university, but for his  
834 or her residence in college or university dormitory housing.

835 (g) A student who is a proprietor, owner, or worker of a  
836 company whose business has been at least 50 percent negatively  
837 financially impacted by the buyout of property around Lake  
838 Apopka by the State of Florida. Such student may receive a fee  
839 exemption only if the student has not received compensation  
840 because of the buyout, the student is designated a Florida  
841 resident for tuition purposes, pursuant to s. 1009.21, and the  
842 student has applied for and been denied financial aid, pursuant  
843 to s. 1009.40, which would have provided, at a minimum, payment  
844 of all student fees. The student is responsible for providing  
845 evidence to the postsecondary education institution verifying  
846 that the conditions of this paragraph have been met, including  
847 supporting documentation provided by the Department of Revenue.  
848 The student must be currently enrolled in, or begin coursework  
849 within, a program area by fall semester 2000. The exemption is  
850 valid for a period of 4 years after the date that the  
851 postsecondary education institution confirms that the conditions  
852 of this paragraph have been met.



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853 (h) Pursuant to s. 402.403, child protection and child  
854 welfare personnel as defined in s. 402.402 who are enrolled in  
855 an accredited bachelor's degree or master's degree in social  
856 work program, provided that the student attains at least a grade  
857 of "B" in all courses for which tuition and fees are exempted.

858 (2) Each Florida College System institution is authorized  
859 to grant student fee exemptions from all fees adopted by the  
860 State Board of Education and the Florida College System  
861 institution board of trustees for up to 54 full-time equivalent  
862 students or 1 percent of the institution's total full-time  
863 equivalent enrollment, whichever is greater, at each  
864 institution.

865 Section 24. This act shall take effect July 1, 2020.

866  
867 ===== T I T L E A M E N D M E N T =====

868 And the title is amended as follows:

869 Delete everything before the enacting clause  
870 and insert:

871 A bill to be entitled  
872 An act relating to education; creating s. 446.541,  
873 F.S.; providing legislative intent; defining terms;  
874 providing that individuals enrolled in certain  
875 preapprenticeship programs are deemed to be employees  
876 of the state for purposes of receiving certain medical  
877 care under workers' compensation coverage; amending s.  
878 446.011, F.S.; revising legislative intent related to  
879 apprenticeship training; amending s. 446.021, F.S.;  
880 defining and redefining terms; amending s. 446.032,  
881 F.S.; revising the general duties of the Department of



882 Education with regard to registered apprenticeship and  
883 registered preapprenticeship programs; amending s.  
884 446.041, F.S.; requiring the department to review and  
885 evaluate uniform minimum standards for registered  
886 apprenticeship and registered preapprenticeship  
887 programs; amending s. 446.045, F.S.; conforming  
888 provisions to changes made by the act; revising the  
889 membership of the State Apprenticeship Advisory  
890 Council; revising meeting requirements; amending s.  
891 446.051, F.S.; providing that registered apprenticeship  
892 or registered preapprenticeship program sponsors are  
893 responsible for the selection and training of certain  
894 personnel, as approved by the department; encouraging  
895 district school boards and Florida College System  
896 institution and state university boards of trustees to  
897 cooperate in providing certain equipment, supplies, and  
898 instructor salaries; amending s. 446.052, F.S.;  
899 encouraging certain boards of trustees to cooperate in  
900 developing and establishing registered apprenticeship  
901 and preapprenticeship programs that include career  
902 instruction; encouraging such boards and boards of  
903 trustees to cooperate with certain degree programs and  
904 certificate programs to ensure that certain individuals  
905 may be eligible to receive certain college credit;  
906 amending s. 446.071, F.S.; providing that certain  
907 organizations may be apprenticeship sponsors if they  
908 meet certain uniform minimum standards; updating  
909 terminology; removing the definition of the term  
910 "need"; amending s. 446.081, F.S.; revising the





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911 applicability of a certain limitation; repealing s.  
912 446.091, F.S., relating to the adaptation and  
913 applicability of certain provisions to on-the-job  
914 training programs; amending s. 446.092, F.S.; revising  
915 criteria for apprenticeship occupations; amending s.  
916 1003.4156, F.S.; providing that students are encouraged  
917 to complete one course in career and educational  
918 planning for promotion to high school from middle  
919 school; authorizing the Florida Virtual School to offer  
920 such courses; amending s. 1003.4282, F.S.; authorizing  
921 school districts and regional consortia to work with  
922 national providers to submit to the department for  
923 approval recommended career-themed courses that satisfy  
924 high school credit requirements; amending s. 1007.23,  
925 F.S.; requiring a statewide articulation agreement  
926 contain three mathematics pathways; requiring the  
927 Articulation Coordinating Committee to convene a  
928 representative workgroup composed of academic affairs  
929 administrators and faculty from state universities and  
930 Florida College System institutions; requiring the  
931 workgroup to report its recommendations to the  
932 committee, the Board of Governors, and the State Board  
933 of Education by a certain date; requiring the  
934 Articulation Coordinating Committee to approve the  
935 mathematics pathways by a specified date; amending s.  
936 1007.2616, F.S.; requiring public schools to include  
937 computational thinking and foundational computer  
938 science skills in instruction to students; deleting  
939 obsolete language; authorizing school districts to



940 apply to the department for funding for specified  
941 purposes; requiring the department to award funding to  
942 school districts or consortia using specified criteria;  
943 amending s. 1008.44, F.S.; requiring CAPE Industry  
944 Certification Funding List to incorporate by reference  
945 the industry certifications on the career pathways list  
946 approved for the Florida Gold Seal CAPE Scholars award;  
947 providing requirements for industry certifications  
948 associated with aviation-related and aerospace-related  
949 occupations; providing that such certifications are  
950 eligible for additional full-time equivalent  
951 membership; providing that the Commissioner of  
952 Education may limit CAPE industry certification and  
953 CAPE Digital Tool certificates to students in certain  
954 grades for a specified purpose; amending s. 1011.62,  
955 F.S.; revising the calculation of certain additional  
956 full-time equivalent membership relating to funding for  
957 the operation of schools; deleting a provision related  
958 to full-time equivalent membership calculation for  
959 elementary and middle students; providing for a  
960 calculation of full-time equivalent membership for  
961 aviation-related and aerospace-related occupations;  
962 authorizing the use of a specified percentage of  
963 certain funds for CAPE program expenses; limiting the  
964 amount of funds that may be used for administrative  
965 costs; prohibiting the use of CAPE funding to supplant  
966 funds provided for basic operation of the CAPE program;  
967 amending s. 1011.80, F.S.; revising performance funding  
968 for industry certifications for school district



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969 workforce education programs to provide for Federal  
970 Aviation Administration (FAA) industry certifications;  
971 amending s. 1011.802, F.S.; conforming provisions to  
972 changes made by the act; specifying the maximum amount  
973 of funds that may be used by the department to  
974 administer the Florida Pathways to Career Opportunities  
975 Grant Program; amending s. 1011.81, F.S.; revising  
976 performance funding for industry certifications for  
977 Florida College System Institutions to provide for FAA  
978 industry certifications; reenacting s. 1009.25, F.S.,  
979 relating to fee exemptions; providing an effective  
980 date.