

By Senator Hutson

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1 A bill to be entitled
2 An act relating to education; creating s. 446.541,
3 F.S.; providing legislative intent; defining terms;
4 providing that individuals enrolled in certain
5 preapprenticeship programs are deemed to be employees
6 of the state for purposes of workers' compensation
7 coverage; amending s. 446.011, F.S.; revising
8 legislative intent related to apprenticeship training;
9 amending s. 446.021, F.S.; defining and redefining
10 terms; amending s. 446.032, F.S.; providing for the
11 general duties of the Department of Education with
12 regard to apprenticeship and preapprenticeship
13 programs; amending s. 446.041, F.S.; requiring the
14 department to review and evaluate uniform minimum
15 standards for apprenticeship programs; amending s.
16 446.045, F.S.; requiring that a representative of the
17 Office of Apprenticeship of the United States
18 Department of Labor serve ex officio as a nonvoting
19 member of the State Apprenticeship Advisory Council;
20 requiring the council to meet at the call of the chair
21 or the chair's designee; amending s. 446.051, F.S.;
22 requiring the apprenticeship or preapprenticeship
23 program sponsors to be responsible for the selection
24 and training of instructors, as approved by the
25 department; amending s. 446.052, F.S.; providing that
26 apprenticeship program sponsors are encouraged to
27 cooperate in developing and establishing registered
28 preapprenticeship programs that include career
29 instruction; amending s. 446.071, F.S.; providing that

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30 certain organizations may be apprenticeship sponsors;
31 amending s. 446.081, F.S.; revising the applicability
32 of a certain limitation; repealing s. 446.091, F.S.,
33 relating to an on-the-job training program; amending
34 s. 446.092, F.S.; revising criteria for apprenticeship
35 occupations; amending s. 1003.4156, F.S.; providing
36 that students are encouraged to complete one course in
37 career and educational planning for promotion to high
38 school from middle school; amending s. 1003.4282,
39 F.S.; authorizing school districts and regional
40 consortia to work with national providers to submit to
41 the department for approval recommended career-themed
42 courses that satisfy high school credit requirements;
43 amending s. 1007.23, F.S.; requiring a statewide
44 articulation agreement contain three mathematics
45 pathways; requiring the Articulation Coordinating
46 Committee to convene a representative workgroup
47 composed of academic affairs administrators and
48 faculty from state universities and Florida College
49 System institutions; requiring the workgroup to report
50 its recommendations to the committee, the Board of
51 Governors, and the State Board of Education by a
52 certain date; requiring the Articulation Coordinating
53 Committee to approve the mathematics pathways by a
54 specified date; amending s. 1007.2616, F.S.; requiring
55 public schools to include computational thinking and
56 foundational computer science skills in instruction to
57 students; deleting obsolete language; authorizing
58 school districts to apply to the department for

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59 funding for specified purposes; requiring the
60 department to award funding to school districts or
61 consortia using specified criteria; amending s.
62 1008.44, F.S.; providing that the Commissioner of
63 Education may limit CAPE industry certification and
64 CAPE Digital Tool certificates to students in certain
65 grades for a specified purpose; amending s. 1011.62,
66 F.S.; revising the calculation of certain additional
67 full-time equivalent membership relating to funding
68 for the operation of schools; authorizing the use of a
69 specified percentage of certain funds for CAPE program
70 expenses; prohibiting the use of CAPE funding to
71 supplant funds provided for basic operation of the
72 CAPE program; amending s. 1011.802, F.S.; requiring
73 the department to administer the grant program and
74 establish criteria for selection; providing the amount
75 allocated that may be used by the department to
76 administer the grant program; providing an effective
77 date.

78

79 Be It Enacted by the Legislature of the State of Florida:

80

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

83 446.541 Work-based learning.—

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

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88 (2) For purposes of this section, the term "work-based
89 learning" means interactions with industry or community
90 professionals in off-campus workplaces which foster in-depth,
91 firsthand engagement with the tasks required in a given career
92 field and which are aligned to curriculum and instruction.

93 (3) (a) Individuals enrolled in a preapprenticeship program
94 administered under ss. 446.011-446.092 are deemed to be
95 employees of the state for purposes of workers' compensation
96 coverage.

97 (b) Any students in grades 6 through 12 who are enrolled in
98 a course identified in the Course Code Directory which may
99 contain a work-based learning component or an activity that is
100 unpaid are deemed to be employees of the state for purposes of
101 workers' compensation coverage.

102 Section 2. Section 446.011, Florida Statutes, is amended to
103 read:

104 446.011 Legislative intent regarding apprenticeship
105 training.—

106 (1) It is the intent of the State of Florida to provide
107 educational opportunities for its residents so that they can be
108 trained for trades, occupations, and professions suited to their
109 abilities. It is the intent of this act to promote the mode of
110 training known as apprenticeship in occupations throughout
111 industry in this ~~the~~ state ~~that require physical manipulative~~
112 ~~skills~~. By broadening job training opportunities and providing
113 for increased coordination between public school academic
114 programs, career programs, and registered apprenticeship
115 programs, the residents of this state will benefit from the
116 valuable training opportunities developed when on-the-job

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117 training is combined with academic-related ~~classroom~~
118 experiences. This act is intended to develop the apparent
119 potentials in apprenticeship training by assisting in the
120 establishment of preapprenticeship programs in the public school
121 system and elsewhere and by expanding presently registered
122 programs as well as promoting new registered programs in jobs
123 that lend themselves to apprenticeship training.

124 (2) It is the intent of the Legislature that the Department
125 of Education have responsibility for the development of the
126 apprenticeship and preapprenticeship uniform minimum standards
127 for ~~the~~ apprenticeable occupations ~~trades~~ and that the
128 department have responsibility for assisting district school
129 boards and Florida College System institution boards of trustees
130 in developing preapprenticeship programs.

131 (3) It is the further intent of ss. 446.011-446.092 that
132 the department ensure quality training through the adoption and
133 enforcement of uniform minimum standards and that the department
134 promote, register, monitor, and service apprenticeship and
135 preapprenticeship training programs and ensure that the programs
136 adhere to the standards.

137 (4) It is the intent of the Legislature that this act not
138 require the use of apprentices on construction projects financed
139 by the state or any county, municipality, town or township,
140 public authority, special district, municipal service taxing
141 unit, or other agency of state or local government.
142 Notwithstanding this intent, whenever any government or agency
143 of government employs, of its own choice, apprentices or employs
144 contractors who employ apprentices, the behavior of the
145 government and the contractors employed by the government shall

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146 be governed by the provisions of this act.

147 Section 3. Section 446.021, Florida Statutes, is amended to
148 read:

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

151 446.021 Definitions of terms used in ss. 446.011-446.092.-
152 As used in ss. 446.011-446.092, the term:

153 (1) "Apprentice" means a person at least 16 years of age
154 who has entered into an apprenticeship agreement with a
155 registered apprenticeship program sponsor, is engaged in
156 learning an apprenticeable occupation through actual work
157 experience under the supervision of journeyworkers, and is
158 enrolled in an organized and systematic form of instruction
159 designed to provide theoretical and technical knowledge related
160 to the occupation.

161 (2) "Apprenticeship program" means a program that is
162 registered with the department on the basis of submission to the
163 department of a plan that contains the terms and conditions for
164 the qualification, recruitment, selection, employment, and
165 training of apprentices, including requirements for a written
166 apprenticeship agreement.

167 (3) "Cancellation" means the termination or deregistration
168 of an apprenticeship program at the request of the program
169 sponsor, or the termination of an apprenticeship agreement at
170 the request of the apprentice.

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

172 (5) "Journeyworker" means a person working in an
173 apprenticeable occupation who has successfully completed a
174 registered apprenticeship program or who has worked the number

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175 of years required by established industry practices for the
176 particular trade or occupation.

177 (6) "On-the-job training" means a structured system of work
178 processes, under the supervision of a journeyworker, which
179 provides the experience and knowledge necessary to meet the
180 training objective of learning a specific skill, trade, or
181 occupation.

182 (7) "Preapprentice" means a person at least 16 years of age
183 who enters into a preapprenticeship agreement with a
184 preapprenticeship program sponsor approved by the department and
185 who is engaged in learning an apprenticeable occupation in any
186 course of instruction in the public school system or elsewhere.

187 (8) "Preapprenticeship program" means a program sponsored
188 by an apprenticeship program in the same occupation which is
189 registered with the department on the basis of submission to the
190 department of a plan that contains the terms and conditions of
191 instruction in the public school system or elsewhere and is
192 designed to prepare a registered preapprentice to become an
193 apprentice in an apprenticeship program.

194 (9) "Related technical instruction" means an organized and
195 systematic form of instruction designed to provide an apprentice
196 or preapprentice with knowledge of the theoretical subjects
197 related to a specific trade or occupation.

198 (10) "Uniform minimum standards" means the minimum
199 requirements established for each occupation under which an
200 apprenticeship or a preapprenticeship program is administered.
201 The term includes standards of admission, training goals,
202 training objectives, curriculum outlines, objective standards to
203 measure successful completion of the apprenticeship or

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204 preapprenticeship program, and the percentage of credit which
205 may be given to apprentices or preapprentices. Minimum
206 requirements must be uniform across all occupations.

207 Section 4. Section 446.032, Florida Statutes, is amended to
208 read:

209 446.032 General duties of the department for apprenticeship
210 training.—The department shall:

211 (1) Establish uniform minimum standards and policies
212 governing apprenticeship ~~apprentice~~ programs and agreements. The
213 standards and policies shall govern the terms and conditions of
214 the apprentice's employment and training, including the quality
215 training of the apprentice for, but not limited to, such matters
216 as ratios of apprentices to journeymen, safety, related
217 technical instruction, and on-the-job training; but these
218 standards and policies may not include rules, standards, or
219 guidelines that require the use of apprentices ~~and job trainees~~
220 on state, county, or municipal contracts. ~~The department may~~
221 ~~adopt rules necessary to administer the standards and policies.~~

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

226 (a) A list of registered apprenticeship and
227 preapprenticeship programs, sorted by local educational agency,
228 as defined in s. 1004.02(18), and apprenticeship sponsor, under
229 s. 446.071.

230 (b) A detailed summary of each local educational agency's
231 expenditure of funds for apprenticeship and preapprenticeship
232 programs, including:

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- 233 1. The total amount of funds received for apprenticeship
234 and preapprenticeship programs;
- 235 2. The total amount of funds allocated to each trade or
236 apprenticeable occupation;
- 237 3. The total amount of funds expended for administrative
238 costs per apprenticeable ~~trade or~~ occupation; and
- 239 4. The total amount of funds expended for instructional
240 costs per apprenticeable ~~trade and~~ occupation.
- 241 (c) The number of apprentices and preapprentices per
242 apprenticeable ~~trade and~~ occupation.
- 243 (d) The percentage of apprentices and preapprentices who
244 complete their respective programs ~~in the appropriate timeframe~~.
- 245 (e) Information and resources related to ~~applications for~~
246 new apprenticeship programs and technical assistance and
247 requirements for potential apprenticeship programs ~~applicants~~.
- 248 (f) Documentation of activities conducted by the department
249 to promote apprenticeship and preapprenticeship programs through
250 public engagement, community-based partnerships, and other
251 initiatives.
- 252 (3) Provide assistance to district school boards, Florida
253 College System institution boards of trustees, program sponsors,
254 and local workforce development boards in notifying students,
255 parents, and members of the community of the availability of
256 apprenticeship and preapprenticeship opportunities, including
257 data provided in the economic security report pursuant to s.
258 445.07.
- 259 (4) Establish procedures to be used by the State
260 Apprenticeship Advisory Council.
- 261 Section 5. Section 446.041, Florida Statutes, is amended to

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262 read:

263 446.041 Apprenticeship program, duties of the department.-

264 The department shall:

265 (1) Administer ss. 446.011-446.092.

266 (2) Review and evaluate ~~Administer~~ the uniform minimum
267 standards established by the department for apprenticeship and
268 preapprenticeship programs.

269 (3) Register, in accordance with this chapter, any
270 apprenticeship or preapprenticeship program that, ~~regardless of~~
271 ~~affiliation, which~~ meets the uniform minimum standards
272 established by the department.

273 (4) Investigate complaints concerning the failure of any
274 registered program to meet the uniform minimum standards
275 established by the department.

276 (5) Cancel the registration of any program that fails to
277 comply with the uniform minimum standards and policies of the
278 department or that unreasonably fails or refuses to cooperate
279 with the department in monitoring and enforcing compliance with
280 the uniform minimum standards.

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

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

285 (8) Cooperate with and assist approved local apprenticeship
286 sponsors in the development of their apprenticeship uniform
287 minimum standards and their training requirements.

288 (9) Encourage ~~registered~~ apprenticeship programs to grant
289 consideration and credit to individuals completing ~~registered~~
290 preapprenticeship programs.

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291 (10) Monitor ~~registered~~ apprenticeship programs to ensure
292 that they are being operated in compliance with all applicable
293 uniform minimum standards.

294 ~~(11) Supervise all apprenticeship programs that are~~
295 ~~registered with the department.~~

296 ~~(12)~~ Ensure that minority and gender diversity are
297 considered in apprenticeship and preapprenticeship programs
298 ~~administering this program.~~

299 (12)~~(13)~~ Adopt rules required to administer ss. 446.011-
300 446.092.

301 Section 6. Section 446.045, Florida Statutes, is amended to
302 read:

303 446.045 State Apprenticeship Advisory Council.—

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

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

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

309 (2) (a) There is created a State Apprenticeship Advisory
310 Council to be composed of 10 voting members appointed by the
311 Governor and two ex officio nonvoting members. The purpose of
312 the advisory council is to advise the department on matters
313 relating to apprenticeship and preapprenticeship. The advisory
314 council may not establish policy, adopt rules, or consider
315 whether particular apprenticeship or preapprenticeship programs
316 should be approved by the department.

317 (b) The Commissioner of Education or the commissioner's
318 designee shall serve ex officio as chair of the State
319 Apprenticeship Advisory Council, but may not vote. A

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320 representative ~~The state director~~ of the Office of
321 Apprenticeship of the United States Department of Labor shall
322 serve ex officio as a nonvoting member of the council. The
323 Governor shall appoint to the council four members representing
324 employee organizations and four members representing employer
325 organizations. Each of these eight members shall represent
326 industries that have registered apprenticeship programs. The
327 Governor shall also appoint two public members who are
328 knowledgeable about registered apprenticeship and apprenticeable
329 occupations and who are independent of any joint or nonjoint
330 organization. Members shall be appointed for 4-year staggered
331 terms. A vacancy shall be filled for the remainder of the
332 unexpired term.

333 (c) The council shall meet at the call of the chair or the
334 chair's designee, or at the request of a majority of its voting
335 membership, but at least twice a year. A majority of the voting
336 members constitutes ~~shall constitute~~ a quorum, and the
337 affirmative vote of a majority of a quorum is necessary to take
338 action.

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

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

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

347 Section 7. Section 446.051, Florida Statutes, is amended to
348 read:

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349 446.051 Related instruction for apprentices.—

350 (1) The administration and supervision of related and
351 supplemental instruction for apprentices, the coordination of
352 such instruction with job experiences, and the selection and
353 training of teachers, instructors, and coordinators for such
354 instruction, all as approved by the department, are ~~registered~~
355 ~~program sponsor~~, shall be the responsibility of the
356 apprenticeship or preapprenticeship program sponsor ~~appropriate~~
357 ~~career education institution~~.

358 (2) District school boards and Florida College System
359 institution boards of trustees are ~~The appropriate career~~
360 ~~education institution shall be~~ encouraged, but, notwithstanding
361 this intent, are not obligated, to cooperate with and assist in
362 providing to any registered program sponsor facilities,
363 equipment and supplies, and instructors' salaries for the
364 performance of related and supplemental instruction associated
365 with the apprenticeship or preapprenticeship ~~registered~~ program.

366 Section 8. Section 446.052, Florida Statutes, is amended to
367 read:

368 446.052 Preapprenticeship program.—

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

371 (2) The department, under regulations established by the
372 State Board of Education, may administer the provisions of ss.
373 446.011-446.092 which relate to preapprenticeship programs in
374 cooperation with district school boards and Florida College
375 System institution boards of trustees. District school boards,
376 Florida College System institution boards of trustees, and
377 apprenticeship ~~registered~~ program sponsors are encouraged to

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378 ~~shall~~ cooperate in developing and establishing preapprenticeship
379 programs that include career instruction ~~and general education~~
380 ~~courses required to obtain a high school diploma.~~

381 (3) The department, ~~the~~ district school boards, and ~~the~~
382 Florida College System institution boards of trustees shall work
383 together with existing registered apprenticeship programs in
384 order that individuals completing the preapprenticeship programs
385 may be able to receive credit toward ~~towards~~ completing an a
386 ~~registered~~ apprenticeship program.

387 (4) Veterans who have received discharges other than
388 dishonorable discharges ~~shall~~, if qualified, shall receive the
389 same priorities given to registered preapprentices.

390 Section 9. Section 446.071, Florida Statutes, is amended
391 to read:

392 446.071 Apprenticeship sponsors.-

393 (1) One or more ~~local~~ apprenticeship sponsors must ~~shall~~ be
394 approved in any apprenticeable occupation ~~trade~~ or multiple
395 apprenticeable occupations ~~group of trades~~ by the department,
396 upon a determination of need, if the apprenticeship sponsor
397 meets all of the uniform minimum standards established by the
398 department. The term "need" refers to the need of state
399 residents for apprenticeship training. In the absence of proof
400 to the contrary, it must ~~shall~~ be presumed that there is need
401 for apprenticeship and preapprenticeship training ~~in each county~~
402 in this state.

403 (2) An ~~A~~ ~~local~~ apprenticeship sponsor may be a committee, a
404 group of employers, an employer, ~~or~~ a group of employees, an
405 educational institution, a local workforce board, a community or
406 faith-based organization, an association, or any entity

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407 preapproved by the department as being in accordance with this
408 chapter combination thereof.

409 (3) The department may grant a variance from the uniform
410 minimum standards upon a showing of good cause for the variance
411 by program sponsors in nonconstruction trades. The purpose of
412 this subsection is to recognize the unique and varying training
413 requirements in nontraditional apprenticeable occupations and to
414 authorize the department to adapt the standards to the needs of
415 the programs.

416 Section 10. Section 446.081, Florida Statutes, is amended
417 to read:

418 446.081 Limitation.—

419 (1) Nothing in ss. 446.011-446.092 or in any apprentice
420 agreement approved under those sections invalidates ~~may~~
421 ~~invalidate:~~

422 ~~(a) any apprenticeship provision in any collective~~
423 ~~agreement between employers and employees setting up higher~~
424 ~~apprenticeship standards.~~

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

429 (2) A ~~No~~ person may not ~~shall~~ institute any action for the
430 enforcement of any apprentice agreement, or for damages for the
431 breach of any apprentice agreement, made under ss. 446.011-
432 446.092, unless he or she has first exhausted all administrative
433 remedies provided by this section.

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

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436 (4) Nothing in ss. 446.011-446.092 or in any rules adopted
437 or contained in any approved apprentice agreement under such
438 sections invalidates any special provision for veterans,
439 minority persons, or women in the standards, qualifications, or
440 operation of the apprenticeship program which is not otherwise
441 prohibited by any applicable general law, executive order, rule,
442 or regulation.

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

444 Section 12. Section 446.092, Florida Statutes, is amended
445 to read:

446 446.092 Criteria for apprenticeship occupations.—At a
447 minimum, an apprenticeable occupation must possess ~~is a skilled~~
448 ~~trade which possesses~~ all of the following characteristics:

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

452 (2) It is clearly identified and commonly recognized
453 throughout an industry.

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

459 (4) It requires related technical instruction to supplement
460 on-the-job training. Such instruction may be given in a
461 classroom, through occupational or industrial courses or
462 correspondence courses of equivalent value, through electronic
463 media, or through other forms of self-study approved by the
464 department.

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465 Section 13. Paragraph (e) of subsection (1) and subsection
466 (2) of section 1003.4156, Florida Statutes, are amended to read:
467 1003.4156 General requirements for middle grades
468 promotion.—

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

472 (2)(e) Students are encouraged to complete one course in
473 career and education planning which may be offered ~~to be~~
474 ~~completed~~ in grades 6, 7, or 8, and ~~which~~ may be taught by any
475 member of the instructional staff. The course should ~~must~~ be
476 Internet-based, customizable to each student, and include
477 research-based assessments to assist students in determining
478 educational and career options and goals. In addition, the
479 course should ~~must~~ result in a completed personalized academic
480 and career plan for the student that may be revised as the
481 student progresses through middle school and high school; ~~must~~
482 emphasize the importance of entrepreneurship and employability
483 skills; and ~~must~~ include information from the Department of
484 Economic Opportunity's economic security report under s. 445.07.
485 The ~~required~~ personalized academic and career plan should ~~must~~
486 inform students of high school graduation requirements,
487 including a detailed explanation of the requirements for earning
488 a high school diploma designation under s. 1003.4285; the
489 requirements for each scholarship in the Florida Bright Futures
490 Scholarship Program; state university and Florida College System
491 institution admission requirements; available opportunities to
492 earn college credit in high school, including Advanced Placement
493 courses; the International Baccalaureate Program; the Advanced

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494 International Certificate of Education Program; dual enrollment,
495 including career dual enrollment; and career education courses,
496 including career-themed courses, preapprenticeship and
497 apprenticeship programs, and course sequences that lead to
498 industry certification pursuant to s. 1003.492 or s. 1008.44.
499 The course may be implemented as a stand-alone course or
500 integrated into another course or courses.

501 (3)~~(2)~~ The State Board of Education shall adopt rules
502 pursuant to ss. 120.536(1) and 120.54 to implement this section
503 and may enforce this section pursuant to s. 1008.32.

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

506 1003.4282 Requirements for a standard high school diploma.—

507 (8) CAREER EDUCATION COURSES THAT SATISFY HIGH SCHOOL
508 CREDIT REQUIREMENTS.—

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

515 Section 15. Present subsections (3) through (8) of section
516 1007.23, Florida Statutes, are redesignated as subsections (4)
517 through (9), respectively, and a new subsection (3) is added to
518 that section, to read:

519 1007.23 Statewide articulation agreement.—

520 (3) To facilitate seamless transfer, reduce excess credit
521 hours, and ensure that students are taking the relevant courses
522 needed for their future careers, the articulation agreement must

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523 specify three mathematics pathways, which are aligned to
524 programs, meta-majors, and careers, on which degree seeking
525 students must be placed.

526 Section 16. By September 31, 2020, the Articulation
527 Coordinating Committee shall convene a representative workgroup
528 composed of academic affairs administrators and faculty from
529 state universities and Florida College System institutions to
530 identify the three pathways. The workgroup shall report its
531 recommendations to the Articulation Coordinating Committee, the
532 Board of Governors, and the State Board of Education by March
533 31, 2021. The Articulation Coordinating Committee shall approve
534 the mathematics pathways by May 31, 2021.

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

537 1007.2616 Computer science and technology instruction.—

538 (2) (a) Public schools shall provide students in grades K-12
539 opportunities for learning computer science, including, but not
540 limited to, computer coding and computer programming. Such
541 opportunities must ~~may~~ include computational thinking and
542 foundational computer science skills ~~coding~~ instruction in
543 elementary school ~~and middle school~~ and instruction to develop
544 students' computer usage and digital literacy skills in middle
545 school, and must include courses in computer science in middle
546 school and high school, including earning-related industry
547 certifications. Such courses must be integrated into each school
548 district's middle and high schools, including combination
549 schools in which any of grades 6 through 12 are taught.

550 (b) Computer science courses must be identified in the
551 Course Code Directory and published on the Department of

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552 Education's website ~~no later than July 1, 2018. Additional~~
553 ~~computer science courses may be subsequently identified and~~
554 ~~posted on the department's website.~~

555 (4) (a) Subject to legislative appropriation, a school
556 district or a consortium of school districts may apply to the
557 department, in a format prescribed by the department, for
558 funding to deliver or facilitate training for classroom teachers
559 to earn an educator certificate in computer science pursuant to
560 s. 1012.56, or training that leads to an industry certification
561 associated with a course identified in the Course Code Directory
562 pursuant to paragraph (2) (b), or for professional development
563 for classroom teachers to provide instruction in computer
564 science courses and content for grades K-12, or for the purchase
565 of technology, including hardware and software, directly related
566 to computer science instruction. Such funding shall only be used
567 to provide training for classroom teachers, or to pay fees for
568 examinations that lead to a credential, or to provide
569 professional development, pursuant to this paragraph.

570 (b) The department shall award funding to school districts
571 or consortia using criteria developed by the department ~~Once the~~
572 ~~department has identified courses in the Course Code Directory~~
573 ~~pursuant to paragraph (2) (b), the department shall establish a~~
574 ~~deadline for submitting applications. The department shall award~~
575 ~~funding to school districts in a manner that allows for an~~
576 ~~equitable distribution of funding statewide based on student~~
577 ~~population.~~

578 Section 18. Paragraph (a) of subsection (1) and paragraph
579 (b) of subsection (4) of section 1008.44, Florida Statutes, are
580 amended to read:

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581 1008.44 CAPE Industry Certification Funding List and CAPE
582 Postsecondary Industry Certification Funding List.—

583 (1) Pursuant to ss. 1003.4203 and 1003.492, the Department
584 of Education shall, at least annually, identify, under rules
585 adopted by the State Board of Education, and the Commissioner of
586 Education may at any time recommend adding the following
587 certificates, certifications, and courses:

588 (a) CAPE industry certifications identified on the CAPE
589 Industry Certification Funding List that must be applied in the
590 distribution of funding to school districts pursuant to s.
591 1011.62(1)(o). The CAPE Industry Certification Funding List
592 shall incorporate by reference the industry certifications on
593 the career pathways list approved for the Florida Gold Seal CAPE
594 ~~Vocational~~ Scholars award. In addition, by August 1 of each
595 year, the not-for-profit corporation established pursuant to s.
596 445.004 may annually select one industry certification, that
597 does not articulate for college credit, for inclusion on the
598 CAPE Industry Certification Funding List for a period of 3 years
599 unless otherwise approved by the curriculum review committee
600 pursuant to s. 1003.491. Such industry certifications, if earned
601 by a student, shall be eligible for additional full-time
602 equivalent membership, pursuant to s. 1011.62(1)(o)1.

603 (4)

604 (b) For the purpose of calculating additional full-time
605 equivalent membership pursuant to s. 1011.62(1)(o)1., the
606 Commissioner of Education may limit CAPE industry certifications
607 and CAPE Digital Tool certificates to students in certain grades
608 ~~based on formal recommendations by providers of CAPE industry~~
609 ~~certifications and CAPE Digital Tool certificates.~~

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610 Section 19. Paragraph (o) of subsection (1) of Section
611 1011.62, Florida Statutes, is amended to read:

612 1011.62 Funds for operation of schools.—If the annual
613 allocation from the Florida Education Finance Program to each
614 district for operation of schools is not determined in the
615 annual appropriations act or the substantive bill implementing
616 the annual appropriations act, it shall be determined as
617 follows:

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

622 (o) *Calculation of additional full-time equivalent*
623 *membership based on successful completion of a career-themed*
624 *course pursuant to ss. 1003.491, 1003.492, and 1003.493, or*
625 *courses with embedded CAPE industry certifications or CAPE*
626 *Digital Tool certificates, and issuance of industry*
627 *certification identified on the CAPE Industry Certification*
628 *Funding List pursuant to rules adopted by the State Board of*
629 *Education or CAPE Digital Tool certificates pursuant to s.*
630 *1003.4203.—*

631 1.a. A value of 0.025 full-time equivalent student
632 membership shall be calculated for CAPE Digital Tool
633 certificates earned by students in elementary and middle school
634 grades.

635 b. A value of 0.1 or 0.2 full-time equivalent student
636 membership shall be calculated for each student who completes a
637 course as defined in s. 1003.493(1)(b) or courses with embedded
638 CAPE industry certifications and who is issued an industry

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639 certification identified annually on the CAPE Industry
640 Certification Funding List approved under rules adopted by the
641 State Board of Education. For a CAPE industry certification that
642 has an articulation agreement of 4 to 14 college credits, a
643 value of 0.2 full-time equivalent membership shall be
644 calculated. For a CAPE industry certification that has an
645 articulation agreement of 1 to 3 college credits and is deemed
646 by the department to be of sufficient rigor and to be linked to
647 a high-skill occupation, a value of 0.2 full-time equivalent
648 membership shall be calculated. For all other CAPE industry
649 certifications with an articulation agreement of 1 to 3 college
650 credits, a value of 0.1 full-time equivalent membership shall be
651 calculated ~~A value of 0.2 full-time equivalent membership shall~~
652 ~~be calculated for each student who is issued a CAPE industry~~
653 ~~certification that has a statewide articulation agreement for~~
654 ~~college credit approved by the State Board of Education. For~~
655 CAPE industry certifications that do not articulate for college
656 credit, the Department of Education shall calculate ~~assign~~ a
657 full-time equivalent value of 0.1 for each certification. Middle
658 grades students who earn additional FTE membership for a CAPE
659 Digital Tool certificate pursuant to sub-subparagraph a. may not
660 use the previously funded examination to satisfy the
661 requirements for earning an industry certification under this
662 sub-subparagraph. Additional FTE membership for an elementary or
663 middle grades student may not exceed 0.1 for certificates or
664 certifications earned within the same fiscal year. The State
665 Board of Education shall include the assigned values on the CAPE
666 Industry Certification Funding List under rules adopted by the
667 state board. Such value shall be added to the total full-time

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668 equivalent student membership for grades 6 through 12 in the
669 subsequent year. CAPE industry certifications earned through
670 dual enrollment must be reported and funded pursuant to s.
671 1011.80. However, if a student earns a certification through a
672 dual enrollment course and the certification is not a fundable
673 certification on the postsecondary certification funding list,
674 or the dual enrollment certification is earned as a result of an
675 agreement between a school district and a nonpublic
676 postsecondary institution, the bonus value shall be funded in
677 the same manner as other nondual enrollment course industry
678 certifications. In such cases, the school district may provide
679 for an agreement between the high school and the technical
680 center, or the school district and the postsecondary institution
681 may enter into an agreement for equitable distribution of the
682 bonus funds.

683 c. A value of 0.3 full-time equivalent student membership
684 shall be calculated for student completion of the courses and
685 the embedded certifications identified on the CAPE Industry
686 Certification Funding List and approved by the commissioner
687 pursuant to ss. 1003.4203(5) (a) and 1008.44.

688 d. A value of 0.5 full-time equivalent student membership
689 shall be calculated for CAPE Acceleration Industry
690 Certifications that articulate for 15 to 29 college credit
691 hours, and 1.0 full-time equivalent student membership shall be
692 calculated for CAPE Acceleration Industry Certifications that
693 articulate for 30 or more college credit hours pursuant to CAPE
694 Acceleration Industry Certifications approved by the
695 commissioner pursuant to ss. 1003.4203(5) (b) and 1008.44.

696 2. Each district must allocate at least 80 percent of the

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697 funds provided for CAPE industry certification, in accordance
698 with this paragraph, to the program that generated the funds.
699 The remaining 20 percent may be used for other CAPE program
700 expenses, such as administrative costs and new industry
701 certification programs. All such funds must be used for CAPE
702 programs. CAPE funding ~~This allocation~~ may not be used to
703 supplant funds provided for basic operation of the program, such
704 as teacher salaries and other costs that are funded with non-
705 CAPE funds for other courses.

706 3. For CAPE industry certifications earned in the 2013-2014
707 school year and in subsequent years, the school district shall
708 distribute to each classroom teacher who provided direct
709 instruction toward the attainment of a CAPE industry
710 certification that qualified for additional full-time equivalent
711 membership under subparagraph 1.:

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

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

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

724 d. A bonus of \$100 for each student taught by a teacher who
725 provided instruction in a course that led to the attainment of a

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726 CAPE industry certification on the CAPE Industry Certification
727 Funding List with a weight of 0.5 or 1.0.

728

729 ~~Bonuses awarded pursuant to this paragraph shall be provided to~~
730 ~~teachers who are employed by the district in the year in which~~
731 ~~the additional FTE membership calculation is included in the~~
732 ~~calculation.~~ Bonuses awarded to teachers pursuant to this
733 paragraph must ~~shall~~ be calculated based upon the associated
734 weight of a CAPE industry certification on the CAPE Industry
735 Certification Funding List for the year in which the
736 certification is earned by the student. Any bonus awarded to a
737 teacher pursuant to this paragraph is in addition to any regular
738 wage or other bonus the teacher received or is scheduled to
739 receive. A bonus may not be awarded to a teacher who fails to
740 maintain the security of any CAPE industry certification
741 examination or who otherwise violates the security or
742 administration protocol of any assessment instrument that may
743 result in a bonus being awarded to the teacher under this
744 paragraph.

745 Section 20. Section 1011.802, Florida Statutes, is amended
746 to read:

747 1011.802 Florida Pathways to Career Opportunities Grant
748 Program.—

749 (1) Subject to the appropriation of funds ~~appropriations~~
750 ~~provided~~ in the General Appropriations Act, the Florida Pathways
751 to Career Opportunities Grant Program is created to provide
752 grants to high schools, career centers, charter technical career
753 centers, Florida College System institutions, and other entities
754 authorized to sponsor an apprenticeship or a preapprenticeship

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755 program, as defined in s. 446.021, for the creation or expansion
756 of such ~~on a competitive basis to establish new apprenticeship~~
757 ~~or preapprenticeship programs and expand existing apprenticeship~~
758 ~~or preapprenticeship~~ programs. The Department of Education shall
759 administer the grant program and establish selection criteria.

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

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

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

773 (5) ~~(4)~~ The State Board of Education may adopt rules to
774 administer this section.

775 Section 21. This act shall take effect July 1, 2020.