

Amendment No.

CHAMBER ACTION

Senate

House

.

1 Representative Fitzenhagen offered the following:

2
3 **Amendment (with title amendment)**

4 Remove everything after the enacting clause and insert:

5 Section 1. Paragraphs (d) and (g) of subsection (3) of
6 section 1003.4282, Florida Statutes, are amended to read:

7 1003.4282 Requirements for a standard high school
8 diploma.—

9 (3) STANDARD HIGH SCHOOL DIPLOMA; COURSE AND ASSESSMENT
10 REQUIREMENTS.—

11 (d) Three credits in social studies.—A student must earn
12 one credit in United States History, ~~and~~ one credit in World
13 History, ~~and~~ one-half credit in economics, ~~which must include~~

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14 ~~financial literacy~~; and one-half credit in United States
15 Government. The United States History EOC assessment constitutes
16 30 percent of the student's final course grade.

17 (g) Eight credits in electives.—

18 1. School districts must develop and offer coordinated
19 electives so that a student may develop knowledge and skills in
20 his or her area of interest, such as electives with a STEM or
21 liberal arts focus. Such electives must include opportunities
22 for students to earn college credit, including industry-
23 certified career education programs or series of career-themed
24 courses that result in industry certification or articulate into
25 the award of college credit, or career education courses for
26 which there is a statewide or local articulation agreement and
27 which lead to college credit.

28 2. Students must be provided the opportunity to learn
29 personal financial literacy through a one-half credit financial
30 literacy course. Instruction for personal financial literacy
31 must include the following:

32 a. Types of bank accounts offered, opening and managing a
33 bank account, and assessing the quality of a depository
34 institution's services.

35 b. Balancing a checkbook.

36 c. Basic principles of money management, such as spending,
37 credit, credit scores, and managing debt, including retail and
38 credit card debt.

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- 39 d. Completing a loan application.
- 40 e. Receiving an inheritance and related implications.
- 41 f. Basic principles of personal insurance policies.
- 42 g. Computing federal income taxes.
- 43 h. Local tax assessments.
- 44 i. Computing interest rates by various mechanisms.
- 45 j. Simple contracts.
- 46 k. Contesting an incorrect billing statement.
- 47 l. Types of savings and investments.
- 48 m. State and federal laws concerning finance.

49
50 The department shall identify freely available assessments or
51 certificates that enable students to demonstrate proficiency in
52 personal financial literacy without taking the course.

53 Section 2. Paragraph (a) of subsection (1) of section
54 1003.436, Florida Statutes, is amended to read:

55 1003.436 Definition of "credit."—

56 (1)(a) For the purposes of requirements for high school
57 graduation, one full credit means a minimum of 135 hours of bona
58 fide instruction in a designated course of study that contains
59 student performance standards, except as otherwise provided
60 through the Credit Acceleration Program (CAP) under s.

61 1003.4295(3). One full credit means a minimum of 120 hours of
62 bona fide instruction in a designated course of study that
63 contains student performance standards for purposes of meeting

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64 high school graduation requirements in a district school that
65 has been authorized to implement block scheduling by the
66 district school board. In lieu of the 135- and 120-hour
67 instruction requirements, district school boards participating
68 in the Mastery-Based Education Pilot Program under s. 1003.4996,
69 may determine and award credit based on a student's mastery of
70 the core content and skills, consistent with s. 1003.41, as
71 approved by the district school board. The State Board of
72 Education shall determine the number of postsecondary credit
73 hours earned through dual enrollment pursuant to s. 1007.271
74 that satisfy the requirements of a dual enrollment articulation
75 agreement according to s. 1007.271(21) and that equal one full
76 credit of the equivalent high school course identified pursuant
77 to s. 1007.271(9).

78 Section 3. Section 1003.437, Florida Statutes, is amended
79 to read:

80 1003.437 Middle and high school grading system.—

81 (1) The grading system and interpretation of letter grades
82 used to measure student success in grade 6 through grade 12
83 courses for students in public schools shall be as follows:

84 (a)-(1) Grade "A" equals 90 percent through 100 percent,
85 has a grade point average value of 4, and is defined as
86 "outstanding progress."

87 (b)-(2) Grade "B" equals 80 percent through 89 percent, has
88 a grade point average value of 3, and is defined as "above

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89 average progress."

90 ~~(c)(3)~~ Grade "C" equals 70 percent through 79 percent, has
91 a grade point average value of 2, and is defined as "average
92 progress."

93 ~~(d)(4)~~ Grade "D" equals 60 percent through 69 percent, has
94 a grade point average value of 1, and is defined as "lowest
95 acceptable progress."

96 ~~(e)(5)~~ Grade "F" equals zero percent through 59 percent,
97 has a grade point average value of zero, and is defined as
98 "failure."

99 ~~(f)(6)~~ Grade "I" equals zero percent, has a grade point
100 average value of zero, and is defined as "incomplete."

101 (2) District school boards participating in the Mastery-
102 Based Education Pilot Program under s. 1003.4996 may use an
103 alternative interpretation of letter grades to measure student
104 success in grades 6 through 12.

105
106 For the purposes of class ranking, district school boards may
107 exercise a weighted grading system pursuant to s. 1007.271.

108 Section 4. Section 1003.4996, Florida Statutes, is amended
109 to read:

110 1003.4996 Mastery-Based ~~Competency-Based~~ Education Pilot
111 Program. ~~Beginning with the 2016-2017 school year,~~ The Mastery-
112 Based ~~Competency-Based~~ Education Pilot Program is created within
113 the Department of Education to be administered for a period of 5

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114 years. The purpose of the pilot program is to provide an
115 educational environment that allows students to advance to
116 higher levels of learning upon the mastery of concepts and
117 skills through statutory exemptions relating to student
118 progression and the awarding of credits.

119 (1) PARTICIPATION.—The P.K. Yonge Developmental Research
120 School and public school districts, including, but not limited
121 to, the Lake, Palm Beach, Pinellas, and Seminole County School
122 Districts, may submit an application in a format prescribed by
123 the department to participate in the pilot program.

124 (2) APPLICATION.—The application to participate in the
125 pilot program must, at a minimum, include:

126 (a) The vision and timelines for the implementation of
127 mastery-based ~~competency-based~~ education within the school
128 district, including a list of the schools that will participate
129 in the pilot program during the first school year and the list
130 of schools that will be integrated into the program in
131 subsequent school years.

132 (b) The annual goals and performance outcomes for
133 participating schools, including, but not limited to:

- 134 1. Student performance as defined in s. 1008.34.
- 135 2. Promotion and retention rates.
- 136 3. Graduation rates.
- 137 4. Indicators of college and career readiness.

138 (c) A communication plan for parents and other

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139 stakeholders, including local businesses and community members.

140 (d) The scope of and timelines for professional
141 development for school instructional and administrative
142 personnel.

143 (e) A plan for student progression based on the mastery of
144 content, including mechanisms that determine and ensure that a
145 student has satisfied the requirements for grade-level promotion
146 and content mastery.

147 (f) A plan for using technology and digital and blended
148 learning to enhance student achievement and facilitate the
149 mastery-based ~~competency-based~~ education system.

150 (g) The proposed allocation of resources for the pilot
151 program at the school and district levels.

152 (h) The recruitment and selection of participating
153 schools.

154 (i) The rules to be waived for participating schools
155 pursuant to subsection (3) to implement the pilot program.

156 (3) EXEMPTION FROM RULES.—In addition to the waivers
157 authorized in s. 1001.10(3), the State Board of Education may
158 authorize the commissioner to grant an additional waiver of
159 rules relating to student progression and the awarding of
160 credits.

161 (4) ALTERNATE CREDIT AND LETTER GRADE SYSTEMS.—

162 (a) Beginning with the 2018-2019 school year,
163 participating school districts may amend their applications to

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164 include alternatives for awarding credit, as authorized under s.
165 1003.436, and for the interpretation of middle and high school
166 letter grades, as authorized under s. 1003.437.

167 1. Alternatives to awarding credit must include a
168 verification of the student's mastery of the applicable course
169 content using rigorous scoring rubrics to evaluate the student's
170 work.

171 2. Alternatives to the interpretation of middle and high
172 school letter grades may substitute the applicable language from
173 the school district's rigorous scoring rubric.

174 (b) An application that is amended pursuant to this
175 subsection must be approved by the district school board.

176 (5)-(4) STUDENT FUNDING.—Students enrolled in a
177 participating school shall be reported for and generate funding
178 pursuant to s. 1011.62.

179 (6)-(5) DEPARTMENT DUTIES.—The department shall:

180 (a) Compile the student and staff schedules of
181 participating schools before and after implementation of the
182 pilot program.

183 (b) Provide participating schools with access to
184 statewide, standardized assessments required under s. 1008.22.

185 (c) Annually, by June 1, provide to the Governor, the
186 President of the Senate, and the Speaker of the House of
187 Representatives a report summarizing the activities and
188 accomplishments of the pilot program and any recommendations for

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189 statutory revisions.

190 ~~(6) RULES. The State Board of Education shall adopt rules~~
191 ~~to administer this section.~~

192 Section 5. Subsection (7) is added to section 1007.23,
193 Florida Statutes, to read:

194 1007.23 Statewide articulation agreement.-

195 (7) The articulation agreement must ensure fair and
196 equitable access for high school graduates with mastery-based,
197 nontraditional diplomas and transcripts.

198 Section 6. Effective upon this act becoming a law, section
199 1007.2616, Florida Statutes, is amended to read:

200 1007.2616 Computer science and technology instruction.-

201 (1) For the purposes of this section, the term "computer
202 science" means the study of computers and algorithmic processes,
203 including their principles, hardware and software designs,
204 applications, and their impact on society, and includes computer
205 coding and computer programming.

206 (2) (a) ~~(1)~~ Public schools shall provide students in grades
207 K-12 opportunities for learning computer science, including, but
208 not limited to, computer coding and computer programming. Such
209 opportunities may include coding instruction in elementary
210 school and middle school ~~and,~~ instruction to develop students'
211 computer usage and digital literacy skills in middle school, and
212 must include courses in computer science, ~~computer coding, and~~
213 ~~computer programming~~ in middle school and high school, including

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214 earning-related industry certifications. Such courses must be
215 integrated into each school district's middle and high schools,
216 including combination schools in which any of grades 6 through
217 12 are taught.

218 (b) Computer science courses must be identified in the
219 Course Code Directory and published on the Department of
220 Education's website no later than July 1, 2018. Additional
221 computer science courses may be subsequently identified and
222 posted on the department's website.

223 (3) The Florida Virtual School shall offer computer
224 science courses identified in the Course Code Directory pursuant
225 to paragraph (2)(b). If a school district does not offer an
226 identified course, the district must provide students access to
227 the course through the Florida Virtual School or through other
228 means.

229 (4)(a) Subject to legislative appropriation, a school
230 district or a consortium of school districts may apply to the
231 department, in a format prescribed by the department, for
232 funding to deliver or facilitate training for classroom teachers
233 to earn an educator certificate in computer science pursuant to
234 s. 1012.56 or an industry certification associated with a course
235 identified in the Course Code Directory pursuant to paragraph
236 (2)(b). Such funding shall only be used to provide training for
237 classroom teachers and to pay fees for examinations that lead to
238 a credential pursuant to this paragraph.

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239 (b) Once the department has identified courses in the
240 Course Code Directory pursuant to paragraph (2) (b), the
241 department shall establish a deadline for submitting
242 applications. The department shall award funding to school
243 districts in a manner that allows for an equitable distribution
244 of funding statewide based on student population.

245 (5)-(2) Elementary schools and middle schools may establish
246 digital classrooms in which students are provided opportunities
247 to improve digital literacy and competency; to learn digital
248 skills, such as coding, multiple media presentation, and the
249 manipulation of multiple digital graphic images; and to earn
250 digital tool certificates and certifications pursuant to s.
251 1003.4203 and grade-appropriate, technology-related industry
252 certifications.

253 (6)-(3) High school students must be provided ~~schools may~~
254 ~~provide students~~ opportunities to take computer science courses
255 to satisfy high school graduation requirements, including, but
256 not limited to, the following:

257 (a) High school computer science courses of sufficient
258 rigor, as identified by the commissioner, such that one credit
259 in computer science and the earning of related industry
260 certifications constitute the equivalent of up to one credit of
261 the mathematics requirement, with the exception of Algebra I or
262 higher-level mathematics, or up to one credit of the science
263 requirement, with the exception of Biology I or higher-level

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264 science, for high school graduation. Computer science courses
265 and technology-related industry certifications that are
266 identified as eligible for meeting mathematics or science
267 requirements for high school graduation shall be included in the
268 Course Code Directory.

269 (b) High school computer technology courses in 3D rapid
270 prototype printing of sufficient rigor, as identified by the
271 commissioner, such that one or more credits in such courses and
272 related industry certifications earned may satisfy up to two
273 credits of mathematics required for high school graduation with
274 the exception of Algebra I. Computer technology courses in 3D
275 rapid prototype printing and related industry certifications
276 that are identified as eligible for meeting mathematics
277 requirements for high school graduation shall be included in the
278 Course Code Directory.

279 (7) Subject to legislative appropriation, a classroom
280 teacher who was evaluated as effective or highly effective
281 pursuant to s. 1012.34 in the previous school year or who is
282 newly hired by the district school board and has not been
283 evaluated pursuant to s. 1012.34 must receive a bonus as
284 follows:

285 (a) If the classroom teacher holds an educator certificate
286 in computer science pursuant to s. 1012.56 or if he or she has
287 passed the computer science subject area examination and holds
288 an adjunct certificate issued by a school district pursuant to

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289 s. 1012.57, he or she shall receive a bonus of \$1,000 after each
290 year the individual completes teaching a computer science course
291 identified in the Course Code Directory pursuant to paragraph
292 (2)(b) at a public middle, high, or combination school in the
293 state, for up to 3 years.

294 (b) If the classroom teacher holds an industry
295 certification associated with a course identified in the Course
296 Code Directory pursuant to paragraph (2)(b), he or she shall
297 receive a bonus of \$500 after each year the individual completes
298 teaching the identified course at a public middle, high, or
299 combination school in the state, for up to 3 years.

300
301 A school district shall report a qualifying classroom teacher to
302 the department by a date and in a format established by the
303 department. An eligible classroom teacher shall receive his or
304 her bonus upon completion of the school year in which he or she
305 taught the course. A teacher may not receive more than one bonus
306 per year under this subsection.

307 (8)(4) The State Board of Education shall ~~may~~ adopt rules
308 to administer this section.

309 Section 7. Except as otherwise expressly provided in this
310 act, this act shall take effect July 1, 2018.

311
312 -----

313 **T I T L E A M E N D M E N T**

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314 Remove everything before the enacting clause and insert:
315 A bill to be entitled
316 An act relating to academic instruction; amending s.
317 1003.4282, F.S.; revising the courses required for a
318 standard diploma; requiring school districts to
319 provide a financial literacy course as an elective;
320 providing requirements for such instruction; requiring
321 the Department of Education to identify certain
322 assessments for specified purposes; amending s.
323 1003.436, F.S.; authorizing a district school board
324 participating in the Mastery-Based Education Pilot
325 Program to award credit based on student mastery of
326 certain content and skills; amending s. 1003.437,
327 F.S.; authorizing a district school board
328 participating in the Mastery-Based Education Pilot
329 Program to use an alternative interpretation of letter
330 grades for certain students; amending s. 1003.4996,
331 F.S.; renaming the Competency-Based Education Pilot
332 Program as the Mastery-Based Education Pilot Program;
333 authorizing public school districts to submit
334 applications for the program; authorizing
335 participating school districts to amend their
336 applications to include alternatives for the award
337 credits and interpretation of letter grades; providing
338 requirements for such alternatives; deleting a

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339 requirement that the State Board of Education adopt
340 rules; amending s. 1007.23, F.S.; requiring the
341 statewide articulation agreement to ensure fair and
342 equitable access for students with mastery-based,
343 nontraditional diplomas and transcripts; providing
344 contingent appropriations; amending s. 1007.2616,
345 F.S.; providing a definition; providing requirements
346 for specified instruction relating to computer
347 science; requiring certain computer science courses to
348 be included in the Course Code Directory and published
349 on the Department of Education's website by a
350 specified date; requiring the Florida Virtual School
351 to offer certain computer science courses; requiring
352 school districts to provide access to computer science
353 courses offered by the Florida Virtual school or by
354 other means under certain circumstances; providing
355 funds for school districts to provide professional
356 development for classroom teachers; providing
357 Department of Education responsibilities for the
358 distribution of such funds; requiring high school
359 students to be provided opportunities to take certain
360 courses to certain meet graduation requirements;
361 providing funds for bonuses for certain classroom
362 teachers; requiring, rather than authorizing, the

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363 | State Board of Education to adopt rules; providing
364 | effective dates.

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