

S. B. No. 17
As Passed by the Senate

_____ moved to amend as follows:

In line 1 of the title, delete "section" and insert "sections"; 1
after "3301.079" insert "and 3313.603" 2

In line 5, delete "section" and insert "sections"; after "3301.079" 3
insert "and 3313.603" 4

After line 265, insert: 5

"Sec. 3313.603. (A) As used in this section: 6

(1) "One unit" means a minimum of one hundred twenty hours 7
of course instruction, except that for a laboratory course, "one 8
unit" means a minimum of one hundred fifty hours of course 9
instruction. 10

(2) "One-half unit" means a minimum of sixty hours of 11
course instruction, except that for physical education courses, 12
"one-half unit" means a minimum of one hundred twenty hours of 13
course instruction. 14

(B) Beginning September 15, 2001, except as required in 15
division (C) of this section and division (C) of section 16



3313.614 of the Revised Code, the requirements for graduation	17
from every high school shall include twenty units earned in	18
grades nine through twelve and shall be distributed as follows:	19
(1) English language arts, four units;	20
(2) Health, one-half unit;	21
(3) Mathematics, three units;	22
(4) Physical education, one-half unit;	23
(5) Science, two units until September 15, 2003, and three	24
units thereafter, which at all times shall include both of the	25
following:	26
(a) Biological sciences, one unit;	27
(b) Physical sciences, one unit.	28
(6) History and government, one unit, which shall comply	29
with division (M) of this section and shall include both of the	30
following:	31
(a) American history, one-half unit;	32
(b) American government, one-half unit.	33
(7) Social studies, two units.	34
Beginning with students who enter ninth grade for the	35
first time on or after July 1, 2017, the two units of	36
instruction prescribed by division (B) (7) of this section shall	37
include at least one-half unit of instruction in the study of	38
world history and civilizations.	39
(8) Elective units, seven units until September 15, 2003,	40
and six units thereafter.	41

Each student's electives shall include at least one unit, 42
or two half units, chosen from among the areas of 43
business/technology, fine arts, and/or foreign language. 44

(C) Beginning with students who enter ninth grade for the 45
first time on or after July 1, 2010, except as provided in 46
divisions (D) to (F) of this section, the requirements for 47
graduation from every public and chartered nonpublic high school 48
shall include twenty units that are designed to prepare students 49
for the workforce and college. The units shall be distributed as 50
follows: 51

(1) English language arts, four units; 52

(2) Health, one-half unit, which shall include instruction 53
in nutrition and the benefits of nutritious foods and physical 54
activity for overall health; 55

(3) Mathematics, four units, which shall include one unit 56
of algebra II or the equivalent of algebra II, or one unit of 57
advanced computer science as described in the standards adopted 58
pursuant to division (A) (4) of section 3301.079 of the Revised 59
Code. However, students who enter ninth grade for the first time 60
on or after July 1, 2015, and who are pursuing a career- 61
technical instructional track shall not be required to take 62
algebra II or advanced computer science, and instead may 63
complete a career-based pathway mathematics course approved by 64
the department of education as an alternative. 65

For students who choose to take advanced computer science 66
in lieu of algebra II under division (C) (3) of this section, the 67
school shall communicate to those students that some 68
institutions of higher education may require algebra II for the 69
purpose of college admission. Also, the parent, guardian, or 70

legal custodian of each student who chooses to take advanced 71
computer science in lieu of algebra II shall sign and submit to 72
the school a document containing a statement acknowledging that 73
not taking algebra II may have an adverse effect on college 74
admission decisions. 75

A student may fulfill one unit of mathematics under 76
division (C) (3) of this section by completing one-half unit of 77
financial literacy instruction to satisfy the requirement 78
prescribed under division (C) (9) of this section and one-half 79
unit of a mathematics course. The one-half unit course in 80
mathematics shall not be in algebra II, or its equivalent, or a 81
course for which the state board requires an end-of-course 82
examination under section 3301.0712 of the Revised Code. 83

Students who choose to take one unit of advanced computer 84
science in lieu of algebra II, as described in division (C) (3) 85
of this section, shall not be permitted to complete one-half 86
unit of financial literacy instruction to satisfy the 87
mathematics unit requirements of that division. Instead, those 88
students shall be required to complete the one-half unit of 89
financial literacy instruction under division (C) (8) of this 90
section. 91

(4) Physical education, one-half unit; 92

(5) Science, three units with inquiry-based laboratory 93
experience that engages students in asking valid scientific 94
questions and gathering and analyzing information, which shall 95
include the following, or their equivalent: 96

(a) Physical sciences, one unit; 97

(b) Life sciences, one unit; 98

(c) Advanced study in one or more of the following	99
sciences, one unit:	100
(i) Chemistry, physics, or other physical science;	101
(ii) Advanced biology or other life science;	102
(iii) Astronomy, physical geology, or other earth or space	103
science;	104
(iv) Computer science.	105
No student shall substitute a computer science course for	106
a life sciences or biology course under division (C) (5) of this	107
section.	108
(6) History and government, one unit, which shall comply	109
with division (M) of this section and shall include both of the	110
following:	111
(a) American history, one-half unit;	112
(b) American government, one-half unit.	113
(7) Social studies, two units.	114
Beginning with students who enter ninth grade for the	115
first time on or after July 1, 2017, the two units of	116
instruction prescribed by division (C) (7) of this section shall	117
include at least one-half unit of instruction in the study of	118
world history and civilizations.	119
(8) Five units consisting of one or any combination of	120
foreign language, fine arts, business, career-technical	121
education, family and consumer sciences, technology which may	122
include computer science, agricultural education, a junior	123
reserve officer training corps (JROTC) program approved by the	124
congress of the United States under title 10 of the United	125

States Code, or English language arts, mathematics, science, or 126
social studies courses not otherwise required under division (C) 127
of this section. 128

One-half unit of instruction under division (C) (8) of this 129
section may be instruction in financial literacy to satisfy the 130
requirement under division (C) (9) of this section. 131

(9) (a) Except as provided in division (C) (9) (b) of this 132
section, for students who enter ninth grade for the first time 133
on or after July 1, 2022, financial literacy, one-half unit. 134
Each student shall elect to complete the one-half unit of 135
instruction in financial literacy either in lieu of one-half 136
unit of instruction in mathematics under division (C) (3) of this 137
section or an elective under division (C) (8) of this section. A 138
student may fulfill the financial literacy instruction 139
requirement under division (C) (9) of this section through the 140
successful completion of an advanced placement course in 141
microeconomics or macroeconomics. 142

(b) A student attending a nonpublic school accredited 143
through the independent schools association of the central 144
states or any other chartered nonpublic school shall not be 145
required to complete the one-half unit of financial literacy 146
instruction prescribed in division (C) (9) (a) of this section, 147
unless that student is attending the school under a state 148
scholarship program as defined in section 3301.0711 of the 149
Revised Code. 150

The study and instruction of financial literacy required 151
under division (C) (9) of this section shall align with the 152
academic content standards for financial literacy and 153
entrepreneurship adopted under division (A) (2) of section 154
3301.079 of the Revised Code. The instruction provided under an 155

advanced placement course in microeconomics or macroeconomics 156
shall be considered to be aligned with those academic content 157
standards. In developing the curriculum for the study and 158
instruction of financial literacy, schools may use available 159
public-private partnerships and resources and materials that 160
exist in business, industry, and through the centers for 161
economics education at institutions of higher education. 162

Ohioans must be prepared to apply increased knowledge and 163
skills in the workplace and to adapt their knowledge and skills 164
quickly to meet the rapidly changing conditions of the twenty- 165
first century. National studies indicate that all high school 166
graduates need the same academic foundation, regardless of the 167
opportunities they pursue after graduation. The goal of Ohio's 168
system of elementary and secondary education is to prepare all 169
students for and seamlessly connect all students to success in 170
life beyond high school graduation, regardless of whether the 171
next step is entering the workforce, beginning an 172
apprenticeship, engaging in post-secondary training, serving in 173
the military, or pursuing a college degree. 174

The requirements for graduation prescribed in division (C) 175
of this section are the standard expectation for all students 176
entering ninth grade for the first time at a public or chartered 177
nonpublic high school on or after July 1, 2010. A student may 178
satisfy this expectation through a variety of methods, 179
including, but not limited to, integrated, applied, career- 180
technical, and traditional coursework. 181

Stronger coordination between high schools and 182
institutions of higher education is necessary to prepare 183
students for more challenging academic endeavors and to lessen 184
the need for academic remediation in college, thereby reducing 185

the costs of higher education for Ohio's students, families, and 186
the state. The state board and the chancellor of higher 187
education shall develop policies to ensure that only in rare 188
instances will students who complete the requirements for 189
graduation prescribed in division (C) of this section require 190
academic remediation after high school. 191

School districts, community schools, and chartered 192
nonpublic schools shall integrate technology into learning 193
experiences across the curriculum in order to maximize 194
efficiency, enhance learning, and prepare students for success 195
in the technology-driven twenty-first century. Districts and 196
schools shall use distance and web-based course delivery as a 197
method of providing or augmenting all instruction required under 198
this division, including laboratory experience in science. 199
Districts and schools shall utilize technology access and 200
electronic learning opportunities provided by the broadcast 201
educational media commission, chancellor, the Ohio learning 202
network, education technology centers, public television 203
stations, and other public and private providers. 204

(D) Except as provided in division (E) of this section, a 205
student who enters ninth grade on or after July 1, 2010, and 206
before July 1, 2016, may qualify for graduation from a public or 207
chartered nonpublic high school even though the student has not 208
completed the requirements for graduation prescribed in division 209
(C) of this section if all of the following conditions are 210
satisfied: 211

(1) During the student's third year of attending high 212
school, as determined by the school, the student and the 213
student's parent, guardian, or custodian sign and file with the 214
school a written statement asserting the parent's, guardian's, 215

or custodian's consent to the student's graduating without 216
completing the requirements for graduation prescribed in 217
division (C) of this section and acknowledging that one 218
consequence of not completing those requirements is 219
ineligibility to enroll in most state universities in Ohio 220
without further coursework. 221

(2) The student and parent, guardian, or custodian fulfill 222
any procedural requirements the school stipulates to ensure the 223
student's and parent's, guardian's, or custodian's informed 224
consent and to facilitate orderly filing of statements under 225
division (D)(1) of this section. Annually, each district or 226
school shall notify the department of the number of students who 227
choose to qualify for graduation under division (D) of this 228
section and the number of students who complete the student's 229
success plan and graduate from high school. 230

(3) The student and the student's parent, guardian, or 231
custodian and a representative of the student's high school 232
jointly develop a student success plan for the student in the 233
manner described in division (C)(1) of section 3313.6020 of the 234
Revised Code that specifies the student matriculating to a two- 235
year degree program, acquiring a business and industry- 236
recognized credential, or entering an apprenticeship. 237

(4) The student's high school provides counseling and 238
support for the student related to the plan developed under 239
division (D)(3) of this section during the remainder of the 240
student's high school experience. 241

(5) (a) Except as provided in division (D)(5)(b) of this 242
section, the student successfully completes, at a minimum, the 243
curriculum prescribed in division (B) of this section. 244

(b) Beginning with students who enter ninth grade for the first time on or after July 1, 2014, a student shall be required to complete successfully, at the minimum, the curriculum prescribed in division (B) of this section, except as follows:	245 246 247 248
(i) Mathematics, four units, one unit which shall be one of the following:	249 250
(I) Probability and statistics;	251
(II) Computer science;	252
(III) Applied mathematics or quantitative reasoning;	253
(IV) Any other course approved by the department using standards established by the superintendent not later than October 1, 2014.	254 255 256
(ii) Elective units, five units;	257
(iii) Science, three units as prescribed by division (B) of this section which shall include inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information.	258 259 260 261
(E) Each school district and chartered nonpublic school retains the authority to require an even more challenging minimum curriculum for high school graduation than specified in division (B) or (C) of this section. A school district board of education, through the adoption of a resolution, or the governing authority of a chartered nonpublic school may stipulate any of the following:	262 263 264 265 266 267 268
(1) A minimum high school curriculum that requires more than twenty units of academic credit to graduate;	269 270
(2) An exception to the district's or school's minimum	271

high school curriculum that is comparable to the exception 272
provided in division (D) of this section but with additional 273
requirements, which may include a requirement that the student 274
successfully complete more than the minimum curriculum 275
prescribed in division (B) of this section; 276

(3) That no exception comparable to that provided in 277
division (D) of this section is available. 278

If a school district or chartered nonpublic school 279
requires a foreign language as an additional graduation 280
requirement under division (E) of this section, a student may 281
apply one unit of instruction in computer coding to satisfy one 282
unit of foreign language. If a student applies more than one 283
computer coding course to satisfy the foreign language 284
requirement, the courses shall be sequential and progressively 285
more difficult. 286

(F) A student enrolled in a dropout prevention and 287
recovery program, which program has received a waiver from the 288
department, may qualify for graduation from high school by 289
successfully completing a competency-based instructional program 290
administered by the dropout prevention and recovery program in 291
lieu of completing the requirements for graduation prescribed in 292
division (C) of this section. The department shall grant a 293
waiver to a dropout prevention and recovery program, within 294
sixty days after the program applies for the waiver, if the 295
program meets all of the following conditions: 296

(1) The program serves only students not younger than 297
sixteen years of age and not older than twenty-one years of age. 298

(2) The program enrolls students who, at the time of their 299
initial enrollment, either, or both, are at least one grade 300

level behind their cohort age groups or experience crises that 301
significantly interfere with their academic progress such that 302
they are prevented from continuing their traditional programs. 303

(3) The program requires students to attain at least the 304
applicable score designated for each of the assessments 305
prescribed under division (B)(1) of section 3301.0710 of the 306
Revised Code or, to the extent prescribed by rule of the state 307
board under division (D)(5) of section 3301.0712 of the Revised 308
Code, division (B)(2) of that section. 309

(4) The program develops a student success plan for the 310
student in the manner described in division (C)(1) of section 311
3313.6020 of the Revised Code that specifies the student's 312
matriculating to a two-year degree program, acquiring a business 313
and industry-recognized credential, or entering an 314
apprenticeship. 315

(5) The program provides counseling and support for the 316
student related to the plan developed under division (F)(4) of 317
this section during the remainder of the student's high school 318
experience. 319

(6) The program requires the student and the student's 320
parent, guardian, or custodian to sign and file, in accordance 321
with procedural requirements stipulated by the program, a 322
written statement asserting the parent's, guardian's, or 323
custodian's consent to the student's graduating without 324
completing the requirements for graduation prescribed in 325
division (C) of this section and acknowledging that one 326
consequence of not completing those requirements is 327
ineligibility to enroll in most state universities in Ohio 328
without further coursework. 329

(7) Prior to receiving the waiver, the program has 330
submitted to the department an instructional plan that 331
demonstrates how the academic content standards adopted by the 332
state board under section 3301.079 of the Revised Code will be 333
taught and assessed. 334

(8) Prior to receiving the waiver, the program has 335
submitted to the department a policy on career advising that 336
satisfies the requirements of section 3313.6020 of the Revised 337
Code, with an emphasis on how every student will receive career 338
advising. 339

(9) Prior to receiving the waiver, the program has 340
submitted to the department a written agreement outlining the 341
future cooperation between the program and any combination of 342
local job training, postsecondary education, nonprofit, and 343
health and social service organizations to provide services for 344
students in the program and their families. 345

Divisions (F) (8) and (9) of this section apply only to 346
waivers granted on or after July 1, 2015. 347

If the department does not act either to grant the waiver 348
or to reject the program application for the waiver within sixty 349
days as required under this section, the waiver shall be 350
considered to be granted. 351

(G) Every high school may permit students below the ninth 352
grade to take advanced work. If a high school so permits, it 353
shall award high school credit for successful completion of the 354
advanced work and shall count such advanced work toward the 355
graduation requirements of division (B) or (C) of this section 356
if the advanced work was both: 357

(1) Taught by a person who possesses a license or 358

certificate issued under section 3301.071, 3319.22, or 3319.222 359
of the Revised Code that is valid for teaching high school; 360

(2) Designated by the board of education of the city, 361
local, or exempted village school district, the board of the 362
cooperative education school district, or the governing 363
authority of the chartered nonpublic school as meeting the high 364
school curriculum requirements. 365

Each high school shall record on the student's high school 366
transcript all high school credit awarded under division (G) of 367
this section. In addition, if the student completed a seventh- 368
or eighth-grade fine arts course described in division (K) of 369
this section and the course qualified for high school credit 370
under that division, the high school shall record that course on 371
the student's high school transcript. 372

(H) The department shall make its individual academic 373
career plan available through its Ohio career information system 374
web site for districts and schools to use as a tool for 375
communicating with and providing guidance to students and 376
families in selecting high school courses. 377

(I) A school district or chartered nonpublic school may 378
integrate academic content in a subject area for which the state 379
board has adopted standards under section 3301.079 of the 380
Revised Code into a course in a different subject area, 381
including a career-technical education course, in accordance 382
with guidance for integrated coursework developed by the 383
department. Upon successful completion of an integrated course, 384
a student may receive credit for both subject areas that were 385
integrated into the course. Units earned for subject area 386
content delivered through integrated academic and career- 387
technical instruction are eligible to meet the graduation 388

requirements of division (B) or (C) of this section. 389

For purposes of meeting graduation requirements, if an 390
end-of-course examination has been prescribed under section 391
3301.0712 of the Revised Code for the subject area delivered 392
through integrated instruction, the school district or school 393
may administer the related subject area examinations upon the 394
student's completion of the integrated course. 395

Nothing in division (I) of this section shall be construed 396
to excuse any school district, chartered nonpublic school, or 397
student from any requirement in the Revised Code related to 398
curriculum, assessments, or the awarding of a high school 399
diploma. 400

(J) (1) The state board, in consultation with the 401
chancellor, shall adopt a statewide plan implementing methods 402
for students to earn units of high school credit based on a 403
demonstration of subject area competency, instead of or in 404
combination with completing hours of classroom instruction. The 405
state board shall adopt the plan not later than March 31, 2009, 406
and commence phasing in the plan during the 2009-2010 school 407
year. The plan shall include a standard method for recording 408
demonstrated proficiency on high school transcripts. Each school 409
district and community school shall comply with the state 410
board's plan adopted under this division and award units of high 411
school credit in accordance with the plan. The state board may 412
adopt existing methods for earning high school credit based on a 413
demonstration of subject area competency as necessary prior to 414
the 2009-2010 school year. 415

(2) Not later than December 31, 2015, the state board 416
shall update the statewide plan adopted pursuant to division (J) 417
(1) of this section to also include methods for students 418

enrolled in seventh and eighth grade to meet curriculum 419
requirements based on a demonstration of subject area 420
competency, instead of or in combination with completing hours 421
of classroom instruction. Beginning with the 2017-2018 school 422
year, each school district and community school also shall 423
comply with the updated plan adopted pursuant to this division 424
and permit students enrolled in seventh and eighth grade to meet 425
curriculum requirements based on subject area competency in 426
accordance with the plan. 427

(3) Not later than December 31, 2017, the department shall 428
develop a framework for school districts and community schools 429
to use in granting units of high school credit to students who 430
demonstrate subject area competency through work-based learning 431
experiences, internships, or cooperative education. Beginning 432
with the 2018-2019 school year, each district and community 433
school shall comply with the framework. Each district and 434
community school also shall review any policy it has adopted 435
regarding the demonstration of subject area competency to 436
identify ways to incorporate work-based learning experiences, 437
internships, and cooperative education into the policy in order 438
to increase student engagement and opportunities to earn units 439
of high school credit. 440

(K) This division does not apply to students who qualify 441
for graduation from high school under division (D) or (F) of 442
this section, or to students pursuing a career-technical 443
instructional track as determined by the school district board 444
of education or the chartered nonpublic school's governing 445
authority. Nevertheless, the general assembly encourages such 446
students to consider enrolling in a fine arts course as an 447
elective. 448

Beginning with students who enter ninth grade for the first time on or after July 1, 2010, each student enrolled in a public or chartered nonpublic high school shall complete two semesters or the equivalent of fine arts to graduate from high school. The coursework may be completed in any of grades seven to twelve. Each student who completes a fine arts course in grade seven or eight may elect to count that course toward the five units of electives required for graduation under division (C) (8) of this section, if the course satisfied the requirements of division (G) of this section. In that case, the high school shall award the student high school credit for the course and count the course toward the five units required under division (C) (8) of this section. If the course in grade seven or eight did not satisfy the requirements of division (G) of this section, the high school shall not award the student high school credit for the course but shall count the course toward the two semesters or the equivalent of fine arts required by this division.

(L) Notwithstanding anything to the contrary in this section, the board of education of each school district and the governing authority of each chartered nonpublic school may adopt a policy to excuse from the high school physical education requirement each student who, during high school, has participated in interscholastic athletics, marching band, show choir, or cheerleading for at least two full seasons or in the junior reserve officer training corps for at least two full school years. If the board or authority adopts such a policy, the board or authority shall not require the student to complete any physical education course as a condition to graduate. However, the student shall be required to complete one-half unit, consisting of at least sixty hours of instruction, in

another course of study. In the case of a student who has 480
participated in the junior reserve officer training corps for at 481
least two full school years, credit received for that 482
participation may be used to satisfy the requirement to complete 483
one-half unit in another course of study. 484

(M) It is important that high school students learn and 485
understand United States history and the governments of both the 486
United States and the state of Ohio. Therefore, beginning with 487
students who enter ninth grade for the first time on or after 488
July 1, 2012, the study of American history and American 489
government required by divisions (B) (6) and (C) (6) of this 490
section shall include the study of all of the following 491
documents: 492

(1) The Declaration of Independence; 493

(2) The Northwest Ordinance; 494

(3) The Constitution of the United States with emphasis on 495
the Bill of Rights; 496

(4) The Ohio Constitution. 497

The study of each of the documents prescribed in divisions 498
(M) (1) to (4) of this section shall include study of that 499
document in its original context. 500

The study of American history and government required by 501
divisions (B) (6) and (C) (6) of this section shall include the 502
historical evidence of the role of documents such as the 503
Federalist Papers and the Anti-Federalist Papers to firmly 504
establish the historical background leading to the establishment 505
of the provisions of the Constitution and Bill of Rights. 506

(N) A student may apply one unit of instruction in 507

computer science to satisfy one unit of mathematics or one unit of science under division (C) of this section as the student chooses, regardless of the field of certification of the teacher who teaches the course, so long as that teacher meets the licensure requirements prescribed by section 3319.236 of the Revised Code and, prior to teaching the course, completes a professional development program determined to be appropriate by the district board.

If a student applies more than one computer science course to satisfy curriculum requirements under that division, the courses shall be sequential and progressively more difficult or cover different subject areas within computer science."

In line 266, delete "section" and insert "sections"; after "3301.079" insert "and 3313.603"

In line 267, delete "is" and insert "are"

The motion was _____ agreed to.

SYNOPSIS 523

Financial literacy requirement - AP courses 524

R.C. 3313.603 525

Permits students to fulfill the financial literacy instruction requirement for high school graduation by successfully completing AP Microeconomics or AP Macroeconomics.