



STATE BOARD of ELEMENTARY and SECONDARY EDUCATION
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May 10, 2016

MEMORANDUM

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Member-at-Large

TO: Senator John A. Alario, Jr., Senate President
Representative Taylor F. Barras, Speaker of the House
Senator Dan "Blade" Morrish, Chair, Senate Committee on Education
Representative Nancy Landry, Chair, House Committee on Education

FROM: Shan N. Davis, Executive Director 
Board of Elementary and Secondary Education

RE: Summary Report on Board of Elementary and Secondary Education Proposed Rulemaking

Pursuant to R.S. 49:968(D)(1)(b), the Board of Elementary and Secondary Education hereby submits to you this summary report and announces its plan to proceed with rulemaking by finalizing the April 20, 2016, Notice of Intent that was promulgated on pages 630 – 632 of the *Louisiana Register*.

The Board has received no comments or requests for a public hearing and has not conducted a hearing pursuant to R.S. 49:953(A)(2)(a).

The Board has made no change to the proposed Rule.

Subject to legislative oversight by either the House Committee on Education or Senate Committee on Education, the Board anticipates adopting the Notice of Intent as a final Rule in the July 20, 2016, issue of the *Louisiana Register*.

The following document is attached:

1. A copy of the Notice of Intent.

Please contact Nina Ford at (225) 342-5841 if the Board may be of any assistance to you concerning this Rule.

SND:naf

Attachment (1)

- c: Jeanne Johnston, Senior Analyst, Senate Committee on Education
Cheryl Serrett, Analyst, Senate Committee on Education
Nancy Jolly, Senior Legislative Analyst, House Committee on Education
Ryan Gremillion, Policy Director, Louisiana Department of Education
Shan N. Davis, Executive Director, BESE
Kevin Calbert, Communications Manager, BESE

Shan N. Davis
Executive Director

John C. White
State Superintendent

NOTICE OF INTENT

Board of Elementary and Secondary Education

Bulletin 741—Louisiana Handbook for School Administrators (LAC 28:CXV.2318 and 2353)

In accordance with R.S. 49:950 et seq., the Administrative Procedure Act, notice is hereby given that the Board of Elementary and Secondary Education approved for advertisement revisions to *Bulletin 741—Louisiana Handbook for School Administrators*: §2318, The TOPS University Diploma; and §2353, Mathematics. The proposed policy revisions add AP computer science as an equivalent advanced mathematics course for the purposes of satisfying high school graduation requirements and for determining student eligibility to receive a Taylor Opportunity Program for Students (TOPS) award.

Title 28

EDUCATION

Part CXV. Bulletin 741—Louisiana Handbook for School Administrators

Chapter 23. Curriculum and Instruction

Subchapter A. Standards and Curricula

§2318. The TOPS University Diploma

A. - C. ...

1. For incoming freshmen in 2008-2009 through 2013-2014 who are completing the Louisiana basic core curriculum, the minimum course requirements for graduation shall be the following.

a. - a.iv. ...

b. Mathematics—4 units:

i. all students must complete one of the following:

- algebra I (1 unit);
 - applied algebra I (1 unit); or
 - algebra I-Pt. 1 and algebra I-Pt. 2 (2 units);
- ii. geometry or applied geometry;
- iii. the remaining unit(s) shall come from the following:

- algebra II;
- financial mathematics;
- math essentials;
- advanced math—pre-calculus;
- advanced math—functions and statistics;
- pre-calculus*;
- calculus*;
- probability and statistics*;
- discrete mathematics;
- AP computer science A; or
- a locally initiated elective approved by BESE as a math substitute.

c. - h. ...

2. For incoming freshmen in 2008-2009 through 2013-2014 who are completing the Louisiana Core 4 curriculum, the minimum course requirements shall be the following.

a. - a.iv. ...

b. Mathematics—4 units:

- algebra I, applied algebra I, or algebra I-Pt. 2;
- geometry or applied geometry;

iii. algebra II;

iv. the remaining unit shall come from the following:

- financial mathematics;
- math essentials;
- advanced math—pre-calculus;
- advanced math—functions and statistics;
- pre-calculus*;
- calculus*;
- probability and statistics*;
- discrete mathematics;
- AP calculus BC;
- AP computer science A; or
- a locally initiated elective approved by BESE as a math substitute.

c. - j. ...

3. For incoming freshmen in 2014-2015 and beyond who are completing the TOPS university diploma, the minimum course requirements shall be the following:

a. - a.iv.(e). ...

b. mathematics—four units:

- algebra I;
- geometry;
- algebra II;

NOTE: Integrated Mathematics I, II, and III may be substituted for the Algebra I, Geometry, and Algebra II sequence.

iv. one of the following:

- algebra III;
- advanced math—functions and statistics;
- advanced math—pre-calculus;
- pre-calculus;
- IB math studies (math methods);
- calculus;
- AP calculus AB;
- IB mathematics SL;
- AP calculus BC;
- AP statistics;
- IB further mathematics HL;
- IB mathematics HL;
- probability and statistics; or
- AP computer science A;

3.c. - 6.a.vi. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 17:7, R.S. 17:24.4, R.S. 17:183.2, and R.S. 17:395.

HISTORICAL NOTE: Promulgated by the Board of Elementary and Secondary Education, LR 31:1291 (June 2005), amended LR 31:2211 (September 2005), LR 31:3070 (December 2005), LR 31:3072 (December 2005), LR 32:1414 (August 2006), LR 33:429 (March 2007), LR 33:432 (March 2007), LR 33:2050 (October 2007), LR 33:2354 (November 2007), LR 33:2601 (December 2007), LR 34:1607 (August 2008), LR 36:1486 (July 2010), LR 37:547 (February 2011), LR 37:1128 (April 2011), LR 37:2129 (July 2011), LR 37:2132 (July 2011), LR 37:3193 (November 2011), LR 38:754, 761 (March 2012), LR 38:1001 (April 2012), LR 38:1584 (July 2012), LR 40:994 (May 2014), LR 40:1328 (July 2014), LR 40:1679 (September 2014), LR 40:2525 (December 2014), LR 41:915 (May 2015), LR 41:1482 (August 2015), LR 41:2126 (October 2015), LR 42:232 (February 2016), LR 42:

Subchapter B. Academic Programs of Study

§2353. Mathematics

A. The mathematics course offerings for the college diploma shall be as follows.

Course Title(s)	Units
Advanced Math—Pre-Calculus	1
Advanced Math—Functions and Statistics	1
Algebra I, II	1 each
Applied Algebra I	1
Algebra I—Part 1	1
Algebra I—Part 2	1
AP Computer Science A	1
Calculus	1
Discrete Mathematics	1
Financial Mathematics (Literacy)	1
Geometry	1
Applied Geometry	1
Integrated Mathematics I, II, III	1 each
Pre-Calculus	1
Probability and Statistics	1
Math Essentials	1
AP Calculus BC	1
AP Calculus AB	1
AP Statistics	1
IB Math Studies (Math Methods)	1
IB Mathematics SL	1
IB Further Mathematics HL	1
IB Mathematics HL	1

B. - C. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 17:7 and R.S. 17:24.4.

HISTORICAL NOTE: Promulgated by the Board of Elementary and Secondary Education, LR 31:1296 (June 2005), amended LR 33:2605 (December 2007), LR 34:1609 (August 2008), LR 35:2322 (November 2009), LR 36:1493 (July 2010), LR 38:760 (March 2012), LR 40:999 (May 2014), LR 40:2527 (December 2014), LR 42:

Family Impact Statement

In accordance with section 953 and 974 of title 49 of the *Louisiana Revised Statutes*, there is hereby submitted a Family Impact Statement on the Rule proposed for adoption, repeal or amendment. All Family Impact Statements shall be kept on file in the state board office which has adopted, amended, or repealed a Rule in accordance with the applicable provisions of the law relating to public records.

1. Will the proposed Rule affect the stability of the family? No.
2. Will the proposed Rule affect the authority and rights of parents regarding the education and supervision of their children? No.
3. Will the proposed Rule affect the functioning of the family? No.
4. Will the proposed Rule affect family earnings and family budget? No.
5. Will the proposed Rule affect the behavior and personal responsibility of children? No.
6. Is the family or a local government able to perform the function as contained in the proposed Rule? Yes

Poverty Impact Statement

In accordance with section 973 of title 49 of the *Louisiana Revised Statutes*, there is hereby submitted a Poverty Impact Statement on the Rule proposed for adoption, amendment, or repeal. All Poverty Impact Statements shall be in writing and kept on file in the state agency which has adopted, amended, or repealed a Rule in accordance with the applicable provisions of the law relating to public records. For the purposes of this section, the word "poverty" means living at or below 100 percent of the federal poverty line.

1. Will the proposed Rule affect the household income, assets, and financial security? No.

2. Will the proposed Rule affect early childhood development and preschool through postsecondary education development? Yes.

3. Will the proposed Rule affect employment and workforce development? No.

4. Will the proposed Rule affect taxes and tax credits? No.

5. Will the proposed Rule affect child and dependent care, housing, health care, nutrition, transportation, and utilities assistance? No.

Small Business Analysis

The impact of the proposed Rule on small businesses as defined in the Regulatory Flexibility Act has been considered. It is estimated that the proposed action is not expected to have a significant adverse impact on small businesses. The agency, consistent with health, safety, environmental and economic welfare factors has considered and, where possible, utilized regulatory methods in the drafting of the proposed Rule that will accomplish the objectives of applicable statutes while minimizing the adverse impact of the proposed Rule on small businesses.

Provider Impact Statement

The proposed Rule should not have any known or foreseeable impact on providers as defined by HCR 170 of 2014 Regular Legislative Session. In particular, there should be no known or foreseeable effect on:

1. the effect on the staffing level requirements or qualifications required to provide the same level of service;
2. the total direct and indirect effect on the cost to the providers to provide the same level of service; or
3. the overall effect on the ability of the provider to provide the same level of service.

Public Comments

Interested persons may submit written comments via the U.S. Mail until 4:30 p.m., May 9, 2016, to Shan N. Davis, Board of Elementary and Secondary Education, P.O. Box 94064, Capitol Station, Baton Rouge, LA 70804-9064.

Shan N. Davis
Executive Director

FISCAL AND ECONOMIC IMPACT STATEMENT FOR ADMINISTRATIVE RULES RULE TITLE: Bulletin 741—Louisiana Handbook for School Administrators

I. ESTIMATED IMPLEMENTATION COSTS (SAVINGS) TO STATE OR LOCAL GOVERNMENT UNITS (Summary)

The proposed policy revision adds an additional course to the Mathematics options for students to earn a TOPS university diploma. There may be costs associated with specialized training for AP courses in public schools which may offer these courses but these are expected to be nominal and included in ongoing training which is funded in part with federal grant funds.

II. ESTIMATED EFFECT ON REVENUE COLLECTIONS OF STATE OR LOCAL GOVERNMENTAL UNITS (Summary)

This policy will have no effect on revenue collections of state or local governmental units.

III. ESTIMATED COSTS AND/OR ECONOMIC BENEFITS TO DIRECTLY AFFECTED PERSONS OR NONGOVERNMENTAL GROUPS (Summary)

There will be no estimated cost and/or economic benefit to directly affected persons or non-governmental groups.

IV. ESTIMATED EFFECT ON COMPETITION AND EMPLOYMENT (Summary)

This policy will have no effect on competition and employment.

Beth Scioneaux
Deputy Superintendent
1604#021

Evan Brasseaux
Staff Director
Legislative Fiscal Office

NOTICE OF INTENT

Board of Elementary and Secondary Education

Bulletin 741 (Nonpublic)—Louisiana Handbook for Nonpublic School Administrators (LAC 28:LXXIX.2109 and 2323)

In accordance with R.S. 49:950 et seq., the Administrative Procedure Act, notice is hereby given that the Board of Elementary and Secondary Education approved for advertisement revisions to *Bulletin 741 (Nonpublic)—Louisiana Handbook for Nonpublic School Administrators*: §2109, High School Graduation Requirements; and §2323, Mathematics. The proposed policy revisions add AP computer science as an equivalent advanced mathematics course for the purposes of satisfying high school graduation requirements and for determining student eligibility to receive a Taylor Opportunity Program for Students (TOPS) award.

Title 28

EDUCATION

Part LXXIX. Bulletin 741 (Nonpublic)—Louisiana Handbook for Nonpublic School Administrators

Chapter 21. Curriculum and Instruction
Subchapter C. Secondary Schools

§2109. High School Graduation Requirements

A. ...

B. For incoming freshmen from 2009-2010 to 2013-2014 who are completing the Louisiana Core 4 Curriculum, the minimum course requirements shall be the following:

1. ...

2. mathematics—4 units, shall be:

a. algebra I (1 unit) or algebra I-Pt. 2;

b. geometry;

c. algebra II;

d. the remaining unit shall come from the following: financial mathematics, math essentials, advanced mathematics-pre-calculus, advanced mathematics-functions and statistics, pre-calculus, calculus, probability and statistics, discrete mathematics, AP calculus BC, AP computer science A, or a locally-initiated elective as a math substitute;

3.-9. ...

C. For incoming freshmen in 2009-2010 through 2013-2014 who are completing the Louisiana Basic Core Curriculum, the minimum course requirements for graduation shall be the following.

1. ...
2. Mathematics—4 units, shall be:
 - a. algebra I (1 unit) or algebra I-pt. 1 and algebra I-pt. 2 (2 units);
 - b. geometry;
 - c. the remaining units shall come from the following:
 - i. algebra II;
 - ii. financial mathematics;
 - iii. math essentials;
 - iv. advanced mathematics-pre-calculus;
 - v. advanced mathematics-functions and statistics;
 - vi. pre-calculus;
 - vii. calculus;
 - viii. probability and statistics;
 - ix. discrete mathematics;
 - x. AP computer science A; or
 - xi. a locally initiated elective approved by BESE as a math substitute.

3.-7. ...

D. For incoming freshmen in 2014-2015 and beyond who are completing the TOPS university diploma, the minimum course requirements shall be the following:

1.-1.d.v. ...

2. mathematics—four units;

a. algebra I;

b. geometry;

c. algebra II;

NOTE: Integrated Mathematics I, II, and III may be substituted for the Algebra I, Geometry, and Algebra II sequence.

d. one of the following:

i. algebra III;

ii. advanced math—functions and statistics;

iii. advanced math—pre-calculus;

iv. pre-calculus;

v. IB math studies (math methods);

vi. calculus;

vii. AP calculus AB;

viii. IB mathematics SL;

ix. AP calculus BC;

x. AP statistics;

xi. IB further mathematics HL;

xii. IB mathematics HL;

xiii. probability and statistics; or

xiv. AP computer science A

D.3.-F.3.b. ...

AUTHORITY NOTE: Promulgated in accordance with R.S. 17:6(A)(10)/(11), and (15), R.S. 17:7(6), R.S. 17:10, R.S. 17:22(6), R.S. 17:391.1-391.10, and R.S. 44:411.

HISTORICAL NOTE: Promulgated by the Board of Elementary and Secondary Education, LR 29:2351 (November 2003), amended LR 30:2776 (December 2004), LR 31:3081 (December 2005), LR 34:2099 (October 2008), LR 36:2849 (December 2010), LR 37:2142, 2144 (July 2011), repromulgated LR 37:2390 (August 2011), amended LR 37:2597 (September 2011), LR 38:769 (March 2012), LR 38:1008 (April 2012), LR 39:1444 (June 2013), LR 40:1682 (September 2014), LR 40:2535 (December 2014), LR 41:915 (May 2015), LR 41:1485 (August 2015), LR 41:2127 (October 2015), LR 42: