

**NOTICE OF INTENT**  
**Board of Elementary and Secondary Education**

(LAC 28: CXV.2317)

Under the authority granted in R.S. 17:6 and 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 proposes to amend *Bulletin 741—Louisiana Handbook for School Administrators*. The proposed amendments establish STEM diploma endorsements recognizing high school students who exhibit academic achievement in STEM discipline subjects.

**Title 28**  
**EDUCATION**

**Part CXV. Bulletin 741—Louisiana Handbook for School Administrators**

**Chapter 23. Curriculum and Instruction**

**Subchapter A. Standards and Curricula**

**§2317. High Schools**

A. - J.3.b. ...

K. Science, Technology, Engineering, and Mathematics (STEM) Diploma Endorsement

1. Beginning with the 2018-2019 school year, high school students completing specified courses in STEM discipline subjects that comprise Jump Start STEM pathways will be eligible to receive the STEM diploma endorsement.

a. The STEM diploma endorsement is indicated with a silver diploma seal and is awarded to students who successfully complete a subset of required courses within a BESE-approved Jump Start STEM pathway, set forth by the LDE. The LDE will annually publish on its website a list of courses required for the STEM endorsement for each graduating class prior to the beginning of each school year and shall notify each LEA of any additions or revisions.

b. The advanced STEM diploma endorsement is indicated with a gold seal and is awarded to students who successfully complete all courses that make up a BESE-approved Jump Start STEM pathway.

2. Each LEA must:

a. provide information regarding the requirements to attain a STEM diploma endorsement to students and their parents or legal custodians as part of the individual graduation plan developed beginning in the eighth grade and updated annually; and

b. maintain records needed to verify the eligibility of students who have attained a STEM diploma endorsement, denote such attainment on the student transcript, and affix the applicable diploma seal to the high school diploma.

**AUTHORITY NOTE:** Promulgated in accordance with R.S. 17:6, 17:7, 17:154, 17:1944, 17:1945, and 17:4073.

**HISTORICAL NOTE:** Promulgated by the Board of Elementary and Secondary Education, LR 31:1291 (June 2005), amended LR 36:1485 (July 2010), LR 37:1137 (April 2011), LR 38:754 (March 2012), LR 39:1038 (April 2013), LR 39:2216 (August 2013), LR 40:1328 (July 2014), repromulgated LR 40:1528 (August 2014), amended LR 40:2530 (December 2014), LR 45:

COMPARISON DOCUMENT

Title 28  
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Part CXV. Bulletin 741—Louisiana Handbook for School Administrators

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STATE BOARD OF ELEMENTARY AND SECONDARY EDUCATION  
FAMILY IMPACT STATEMENT  
(LA R.S. 49:953 and 972)

Person Preparing Statement: Ryan Gremillion  
Phone: 225-342-1501  
Division: Policy Office  
Rule Title: LAC 28: Part CXV

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.

PLEASE RESPOND TO THE FOLLOWING:

1. WILL THE PROPOSED RULE AFFECT THE STABILITY OF THE FAMILY?  
 No  
 Yes  
 Lacks sufficient information to determine
2. WILL THE PROPOSED RULE AFFECT THE AUTHORITY AND RIGHTS OF PARENTS REGARDING THE EDUCATION AND SUPERVISION OF THEIR CHILDREN?  
 No  
 Yes  
 Lacks sufficient information to determine.
3. WILL THE PROPOSED RULE AFFECT THE FUNCTIONING OF THE FAMILY?  
 No  
 Yes  
 Lacks sufficient information to determine
4. WILL THE PROPOSED RULE AFFECT FAMILY EARNINGS AND FAMILY BUDGET?  
 No  
 Yes  
 Lacks sufficient information to determine
5. WILL THE PROPOSED RULE AFFECT THE BEHAVIOR AND PERSONAL RESPONSIBILITY OF CHILDREN?  
 No  
 Yes  
 Lacks sufficient information to determine
6. IS THE FAMILY OR A LOCAL GOVERNMENT ABLE TO PERFORM THE FUNCTION AS CONTAINED IN THE PROPOSED RULE?  
 No  
 Yes  
 Lacks sufficient information to determine

Signature of Contact Person: Ryan Gremillion

Date Submitted: November 5, 2018

**STATE BOARD OF ELEMENTARY AND SECONDARY EDUCATION  
POVERTY IMPACT STATEMENT  
(LA R.S. 49:973)**

**Person Preparing Statement:** Ryan Gremillion

**Phone:** 225-342-1501

**Division:** Policy Office

**Rule Title:** LAC 28: Parts XI, CXLIX, and CXV

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 one hundred percent of the federal poverty line.

PLEASE RESPOND TO THE FOLLOWING:

1. WILL THE PROPOSED RULE AFFECT THE HOUSEHOLD INCOME, ASSETS, AND FINANCIAL SECURITY?

- No  
 Yes  
 Lacks sufficient information to determine

2. WILL THE PROPOSED RULE AFFECT EARLY CHILDHOOD DEVELOPMENT AND PRESCHOOL THROUGH POSTSECONDARY EDUCATION DEVELOPMENT?

- No  
 Yes  
 Lacks sufficient information to determine

3. WILL THE PROPOSED RULE AFFECT EMPLOYMENT AND WORKFORCE DEVELOPMENT?

- No  
 Yes  
 Lacks sufficient information to determine

4. WILL THE PROPOSED RULE AFFECT TAXES AND TAX CREDITS?

- No  
 Yes  
 Lacks sufficient information to determine

5. WILL THE PROPOSED RULE AFFECT CHILD AND DEPENDENT CARE, HOUSING, HEALTH CARE, NUTRITION, TRANSPORTATION, AND UTILITIES ASSISTANCE?

- No  
 Yes  
 Lacks sufficient information to determine

Signature of Contact Person: Ryan Gremillion

Date Submitted: November 5, 2018

### **Small Business Statement**

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 noon, December 9, 2018, to Shan N. Davis, Executive Director, Board of Elementary and Secondary Education, Box 94064, Capitol Station, Baton Rouge, LA 70804-9064. Written comments may also be hand delivered to Shan Davis, Executive Director, Board of Elementary and Secondary Education, Suite 5-190, 1201 North Third Street, Baton Rouge, LA 70802 and must be date stamped by the BESE office on the date received. Public comments must be dated and include the original signature of the person submitting the comments.

Shan N. Davis  
Executive Director

FISCAL AND ECONOMIC IMPACT STATEMENT  
FOR ADMINISTRATIVE RULES

Person  
Preparing  
Statement: Ryan Gremillion Dept.: LA Department of Education  
Board of Elementary &  
Secondary Education

Phone: (225) 342-1501 Office: Policy

Return  
Address: P. O. Box 94064 Rule  
Baton Rouge, LA Title: LAC 28: Parts CXV

Date Rule  
Takes Effect: Upon final promulgation

SUMMARY

In accordance with Section 953 of Title 49 of the Louisiana Revised Statutes, there is hereby submitted a fiscal and economic impact statement on the rule proposed for adoption, repeal or amendment. THE FOLLOWING STATEMENTS SUMMARIZE ATTACHED WORKSHEETS, I THROUGH IV AND WILL BE PUBLISHED IN THE LOUISIANA REGISTER WITH THE PROPOSED AGENCY RULE.

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

There may be costs to the Department of Education to print and distribute the Science, Technology, Engineering, and Mathematics (STEM) diploma endorsements for students who complete the required coursework, however these costs are not anticipated to be material.

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

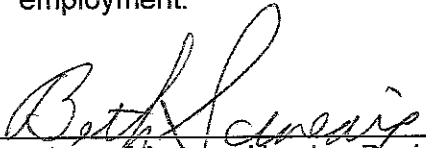
There are no estimated impacts on revenue collections as a result of the proposed policy revisions.

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

Students completing the required coursework in the BESE approved Jumpstart STEM pathways of LSU Digital Design and Emergent Media, LSU Pre-Engineering, and Environmental Protection and Sustainability will receive an endorsement on their high school diploma. Students entering the job market may qualify for higher wages due to the endorsement.

IV. ESTIMATED EFFECT ON COMPETITION AND EMPLOYMENT (Summary)

Students graduating with a Jumpstart career diploma, which includes the STEM endorsement, may have an advantage in the job market when applying for certain employment.

  
Signature of Agency Head or Designee

  
Legislative Fiscal Officer or Designee

Beth Scioneaux, Deputy Superintendent for Management and Finance  
Typed Name and Title of Agency Head or Designee

11/5/18  
Date of Signature

11/7/18  
Date of Signature



FISCAL AND ECONOMIC IMPACT STATEMENT  
FOR ADMINISTRATIVE RULES

The following information is required in order to assist the Legislative Fiscal Office in its review of the fiscal and economic impact statement and to assist the appropriate legislative oversight subcommittee in its deliberation on the proposed rule.

- A. Provide a brief summary of the content of the rule (if proposed for adoption, or repeal) or a brief summary of the change in the rule (if proposed for amendment). Attach a copy of the notice of intent and a copy of the rule proposed for initial adoption or repeal (or, in the case of a rule change, copies of both the current and proposed rules with amended portions indicated).

The proposed amendments establish STEM diploma endorsements recognizing high school students who exhibit academic achievement in STEM discipline subjects.

- B. Summarize the circumstances that require this action. If the Action is required by federal regulation, attach a copy of the applicable regulation.

Act 392 of the 2017 Regular Legislative Session requires the Board of Elementary and Secondary Education (BESE), in consultation with the Louisiana Science, Technology, Engineering, and Mathematics (LaSTEM) Advisory Council, to establish STEM diploma endorsements recognizing high school students who exhibit academic achievement in STEM discipline subjects.

- C. Compliance with Act 11 of the 1986 First Extraordinary Session.

1. Will the proposed rule change result in any increase in the expenditure of funds? If so, specify amount and source of funding.

No

2. If the answer to (1) above is yes, has the Legislature specifically appropriated the funds necessary for the associated expenditure increase?

(a) \_\_\_\_\_ Yes. If yes, attach documentation.

(b) \_\_\_\_\_ NO. If no, provide justification as to why this rule change should be published at this time.

WORKSHEET

I. A. COSTS OR SAVINGS TO STATE AGENCIES RESULTING FROM THE ACTION PROPOSED

1. What is the anticipated increase (decrease) in costs to implement the proposed action?

COSTS	FY18-19	FY19-20	FY20-21
PERSONAL SERVICES			
OPERATING EXPENSES	-0-	-0-	-0-
PROFESSIONAL SERVICES			
OTHER CHARGES			
EQUIPMENT			
<u>MAJOR REPAIR &amp; CONSTR.</u>			
<u>POSITIONS (#)</u>			
<b>TOTAL</b>	-0-	-0-	-0-

2. Provide a narrative explanation of the costs or savings shown in "A. 1.", including the increase or reduction in workload or additional paperwork (number of new forms, additional documentation, etc.) anticipated as a result of the implementation of the proposed action. Describe all data, assumptions, and methods used in calculating these costs.

3. Sources of funding for implementing the proposed rule or rule change.

SOURCE	FY18-19	FY19-20	FY20-21
STATE GENERAL FUND	-0-	-0-	-0-
AGENCY SELF-GENERATED	-0-	-0-	-0-
DEDICATED			
FEDERAL FUNDS	-0-	-0-	-0-
OTHER (Specify)			
<b>TOTAL</b>	-0-	-0-	-0-

4. Does your agency currently have sufficient funds to implement the proposed action? If not, how and when do you anticipate obtaining such funds?

Yes.

B. COST OR SAVINGS TO LOCAL GOVERNMENTAL UNITS RESULTING FROM THE ACTION PROPOSED

1. Provide an estimate of the anticipated impact of the proposed action on local governmental units, including adjustments in workload and paperwork requirements. Describe all data, assumptions and methods used in calculating this impact.

The proposed revisions will not have any impact on local governmental units.

2. Indicate the sources of funding of the local governmental unit that will be affected by these costs or savings.

No sources of funding of the local governmental unit will be affected by the proposed revisions.

FISCAL AND ECONOMIC IMPACT STATEMENT  
WORKSHEET

II. EFFECT ON REVENUE COLLECTIONS OF STATE AND LOCAL GOVERNMENTAL UNITS

A. What increase (decrease) in revenues can be anticipated from the proposed action?

The proposed revisions will not impact revenue collections of state and local governmental units.

REVENUE INCREASE/DECREASE	FY18-19	FY19-20	FY20-21
STATE GENERAL FUND	-0-	-0-	-0-
AGENCY SELF GENERATED			
RESTRICTED FUNDS*			
FEDERAL FUNDS			
LOCAL FUNDS			
TOTAL	-0-	-0-	-0-

\*Specify the particular fund being impacted.

B. Provide a narrative explanation of each increase or decrease in revenues shown in "A." Describe all data, assumptions, and methods used in calculating these increases or decreases.

See above.

# FISCAL AND ECONOMIC IMPACT STATEMENT

## WORKSHEET

### III. COSTS AND/OR ECONOMIC BENEFITS TO DIRECTLY AFFECTED PERSONS OR NON-GOVERNMENTAL GROUPS

- A. What persons or non-governmental groups would be directly affected by the proposed action? For each, provide an estimate and a narrative description of any effect on costs, including workload adjustments and additional paperwork (number of new forms, additional documentation, etc.), they may have to incur as a result of the proposed action.

Students completing the required coursework in the BESE approved Jumpstart STEM pathways will receive an endorsement on their high school diploma. Those students entering the job market may qualify for higher wages due to the endorsement

- B. Also provide an estimate and a narrative description of any impact on receipts and/or income resulting from this rule or rule change to these groups.

No impact on income is anticipated as a result of this rule change.

### IV. EFFECTS ON COMPETITION AND EMPLOYMENT

Identify and provide estimates of the impact of the proposed action on competition and employment in the public and private sectors. Include a summary of any data, assumptions and methods used in making these estimates.

Students graduating with a Jumpstart career diploma which includes the STEM endorsement may have an advantage in the job market when applying for certain employment.