

COMMITTEE ON LEGISLATIVE RESEARCH  
OVERSIGHT DIVISION

**FISCAL NOTE**

L.R. No.: 3952S.01I  
Bill No.: SB 659  
Subject: Education, Elementary and Secondary; Education, Higher; Department of  
Elementary and Secondary Education; Department of Higher Education and  
Workforce Development  
Type: Original  
Date: February 7, 2022

---

Bill Summary: This proposal modifies provisions related to computer science courses offered in elementary and secondary schools.

**FISCAL SUMMARY**

<b>ESTIMATED NET EFFECT ON GENERAL REVENUE FUND</b>			
<b>FUND AFFECTED</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
General Revenue	(\$129,610)	(\$97,489)	(\$98,402)
<b>Total Estimated Net Effect on General Revenue</b>	<b>(\$129,610)</b>	<b>(\$97,489)</b>	<b>(\$98,402)</b>

<b>ESTIMATED NET EFFECT ON OTHER STATE FUNDS</b>			
<b>FUND AFFECTED</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Total Estimated Net Effect on <u>Other</u> State Funds</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Numbers within parentheses: () indicate costs or losses.

<b>ESTIMATED NET EFFECT ON FEDERAL FUNDS</b>			
<b>FUND AFFECTED</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Total Estimated Net Effect on <u>All</u> Federal Funds</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<b>ESTIMATED NET EFFECT ON FULL TIME EQUIVALENT (FTE)</b>			
<b>FUND AFFECTED</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
General Revenue	1 FTE	1 FTE	1 FTE
<b>Total Estimated Net Effect on FTE</b>	<b>1 FTE</b>	<b>1 FTE</b>	<b>1 FTE</b>

- Estimated Net Effect (expenditures or reduced revenues) expected to exceed \$250,000 in any of the three fiscal years after implementation of the act or at full implementation of the act.
- Estimated Net Effect (savings or increased revenues) expected to exceed \$250,000 in any of the three fiscal years after implementation of the act or at full implementation of the act.

<b>ESTIMATED NET EFFECT ON LOCAL FUNDS</b>			
<b>FUND AFFECTED</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Local Government</b>	<b>\$0</b>	<b>(Unknown)</b>	<b>(Unknown)</b>

## FISCAL ANALYSIS

### ASSUMPTION

Officials from the **Department of Elementary and Secondary Education** assume the legislation would require updates to the June Core Data/MOSIS cycle to accommodate the bill's requirements:

- Adding a field to the MOSIS collection for Computer Science course description: \$10,000 (one-time); \$3,000 maintenance (annual)
- Adding a field to the MOSIS collection for Computer Science applicable standards: \$10,000 (one-time); \$3,000 maintenance (annual).
- DESE projects programming for the annual report to be published to cost \$25,000 (one time cost).

The legislation also requires the department to add 1.0 FTE for a Computer Science Supervisor/Director salary (\$51,288).

Officials from the **Department of Higher Education and Workforce Development** assume the proposal will have no fiscal impact on their organization.

Officials from the **University of Missouri System** state they cannot estimate a fiscal impact due to offsetting cost and revenue factors associated with student preparedness.

Officials from the **University of Central Missouri** assume the proposal will have no fiscal impact on their organization.

**Oversight** does not anticipate a direct material impact to colleges and universities.

**Oversight** assumes this proposal requires each public high school and charter high school to offer at least one computer science course. Oversight is uncertain how many schools currently offer computer science courses. Oversight assumes there could be costs for those school districts that are not currently offering a computer science course; therefore, Oversight will show an unknown cost to school districts beginning in FY 2024.

**Oversight** did not receive any responses from school districts related to the fiscal impact of this proposal. Oversight has presented this fiscal note on the best current information available. Upon the receipt of additional responses, Oversight will review to determine if an updated fiscal note should be prepared and seek the necessary approval to publish a new fiscal note.

**Oversight** only reflects the responses received from state agencies and political subdivisions; however, other school districts were requested to respond to this proposed legislation but did not. A general listing of political subdivisions included in Oversight's database is available upon request.

<u>FISCAL IMPACT – State Government</u>	FY 2023 (10 Mo.)	FY 2024	FY 2025
<b>GENERAL REVENUE</b>			
<u>Costs - DESE - updates to MOSIS - §170.018</u>	(\$45,000)	(\$6,000)	(\$6,000)
<u>Costs - DESE - §170.018</u>			
Personnel Service	(\$42,740)	(\$51,801)	(\$52,319)
Fringe Benefits	(\$26,012)	(\$31,400)	(\$31,589)
Expense & Equipment	(\$15,858)	(\$8,288)	(\$8,494)
<u>Total Costs -</u>	<u>(\$84,610)</u>	<u>(\$91,489)</u>	<u>(\$92,402)</u>
FTE Change	1 FTE	1 FTE	1 FTE
<b>ESTIMATED NET EFFECT ON GENERAL REVENUE</b>	<b><u>(\$129,610)</u></b>	<b><u>(\$97,489)</u></b>	<b><u>(\$98,402)</u></b>
Estimated Net FTE Change on General Revenue	1 FTE	1 FTE	1 FTE

<u>FISCAL IMPACT – Local Government</u>	FY 2023 (10 Mo.)	FY 2024	FY 2025
<b>SCHOOL DISTRICTS &amp; CHARTER SCHOOLS</b>			
<u>Costs - to offer computer science course - §170.018</u>	\$0	(Unknown)	(Unknown)
<b>ESTIMATED NET EFFECT SCHOOL DISTRICTS &amp; CHARTER SCHOOLS</b>	<b><u>\$0</u></b>	<b><u>(Unknown)</u></b>	<b><u>(Unknown)</u></b>

#### FISCAL IMPACT – Small Business

No direct fiscal impact to small businesses would be expected as a result of this proposal.

#### FISCAL DESCRIPTION

This act modifies the definition of "computer science course" by including any elementary, middle, or high school course that embeds computer science content within other subjects.

This act requires, for all school years on or after July 1, 2023, certain coursework and instruction in computer science and computational thinking in public and charter high schools, middle schools, and elementary schools. Courses and instruction offered under this act must meet certain standards established by the State Board of Education and the Department of Elementary and Secondary Education.

On or before June 30th annually, the Department shall publish a list of computer science course codes and names with a course description and shall indicate which courses meet or exceed the Department's computer science performance standards.

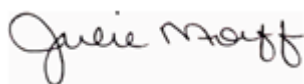
The Department shall appoint a computer science advisor to implement these provisions of the act.

Beginning July 1, 2023, computer science courses successfully completed and counted toward state graduation requirements shall be equivalent to one science or practical arts credit for the purpose of satisfying admission requirements at any public institution of higher education in the state.

This legislation is not federally mandated, would not duplicate any other program and would not require additional capital improvements or rental space.

#### SOURCES OF INFORMATION

Department of Elementary and Secondary Education  
Department of Higher Education and Workforce Development  
University of Missouri System  
University of Central Missouri



Julie Morff  
Director  
February 7, 2022



Ross Strobe  
Assistant Director  
February 7, 2022