FISCAL NOTE

FISCAL IMPACT: ☒ State ☒ Local ☐ Statutory Public Entity ☐ Conditional ☐ No Fiscal Impact

Drafting Number: LLS 16-0774	**Date:**	March 7, 2016
Prime Sponsor(s): Rep. Pabon; Wilson	**Bill Status:**	House Education
Sen. Tate; Kerr	**Fiscal Analyst:**	Jessika Shipley (303-866-3528)

BILL TOPIC: COMPUTER COURSES FULFILL GRADUATION REQUIREMENTS

Fiscal Impact Summary	FY 2016-2017	FY 2017-2018
State Revenue		
Cash Fund	Potential gifts, grants, and donations.	
State Expenditures	**$144,640**	**$104,640**
General Fund	104,640	104,640
State Education Fund	40,000	0
FTE Position Change		
Appropriation Required: $144,640 - Department of Education (FY 2016-17).		
Future Year Impacts: Ongoing costs to provide contracted technical assistance to school districts and charter schools upon request.		

Summary of Legislation

This bill requires that when the State Board of Education (SBE) revises and readopts mathematics or science academic content standards for preschool through elementary and secondary education, the board include standards for knowledge and skills related to computer science.

The SBE is also required to create and maintain a resource bank of materials pertaining to computer science that includes national model standards, model programs of instruction, model curricula, and model materials for professional educator development in teaching computer science. The resource bank must also include a list of available textbooks that contain substantive provisions on computer science. The materials in the resource bank, which must be available to school districts no later than March 15, 2017, are required to represent the best practices in the teaching of computer science. State Education Fund money may be used for the resource bank.

The Colorado Department of Education (CDE) is required to provide technical assistance in designing computer science curricula to school districts and charter schools that request it. The provisions of the bill are to be implemented, to the extent possible, using existing resources and any gifts, grants, and donations deposited in the newly created Computer Science Cash Fund. CDE is required to contract with one or more entities for the creation of the resource bank and provision of technical assistance.

State Revenue

The bill allows CDE to seek, accept, and spend gifts, grants, and donations to implement the bill. Any funding received is to be deposited into the Computer Science Cash Fund. To date, no specific revenue source has been identified.

State Expenditures

The bill will increase costs for CDE by $144,640 in FY 2016-17, and by $104,640 each year thereafter, as shown in Table 1.

Table 1. Expenditures Under HB 16-1198		
Cost Components	**FY 2016-17**	**FY 2017-18**
Resource Bank Development	$40,000	$0
Technical Assistance Contractor	90,000	90,000
Technical Assistance Printed Materials	2,400	2,400
Travel	12,240	12,240
TOTAL	**$144,640**	**$104,640**

Data and Assumptions. The fiscal note uses the following data and assumptions :

- CDE does not currently have the appropriate resources (a resource bank for computer science curriculum, a technical advisor, etc.) to implement the bill;
- a resource bank that was similar in scope cost the department $40,000 to develop;
- a technical assistance contractor will be paid at a rate of $1,500 per day for an average of five days each month (this estimate is also based on costs for a similar contracting relationship);
- the average mileage per trip will be 200 miles at a rate of $0.52 per mile;
- two trips per month will require an overnight stay at a cost of $150 for the hotel and $100 per diem; and
- materials and printing will cost approximately $200 per month.

School District Impact

Local school districts will be required to adjust curricula and teaching methods to meet new computer science standards after the SBE revises math and science standards. Developing new curricula will increase workload and costs for the school districts, but these increases may be offset to some degree by the availability of the resource bank and technical assistance provided by CDE.

Effective Date

The bill takes effect upon signature of the Governor, or upon becoming law without his signature.

HB16-1198

State Appropriations

For FY 2016-17, the Department of Education requires an appropriation of $40,000 from the State Education Fund and $104,640 from the General Fund.

State and Local Government Contacts

Counties   Education   Information Technology
Municipalities   Regulatory Agencies