



**Colorado
Legislative
Council
Staff**

HB17-1184

FISCAL NOTE

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

Drafting Number: LLS 17-0202
Prime Sponsor(s): Rep. Duran
Sen. Grantham

Date: February 22, 2017
Bill Status: House Education
Fiscal Analyst: Josh Abram (303-866-3561)

BILL TOPIC: MODERN TECHNOLOGY EDUCATION IN PUBLIC SCHOOLS

Fiscal Impact Summary	FY 2017-2018	FY 2018-2019
State Revenue		
State Expenditures	<u>at least \$564,608</u>	<u>at least \$555,274</u>
General Fund	558,987	548,375
Centrally Appropriated Costs	5,621	6,899
FTE Position Change	0.4 FTE	0.5 FTE
Appropriation Required: \$558,987 - Colorado Department of Education (FY 2017-18)		
Future Year Impacts: Ongoing expenditure and workload increase.		

Summary of Legislation

This bill modifies state academic standards for kindergarten through twelfth grade public education (K12). Under current law, the State Board of Education (SBE) is required to revise and re-adopt academic content standards by July 1, 2018, and every six years thereafter. This bill requires that, when revising and re-adopting the standards, the board incorporate into the standards for each subject skills relating to the use of information and communications technologies to find, evaluate, create, and communicate information.

No later than July 1, 2018, the bill requires that the Colorado Department of Education (CDE) create and maintain a resource bank of materials pertaining to computer science course material and programs for the optional use by school districts and charter schools.

The bill creates a grant program in the CDE for eligible teachers who wish to pursue additional postsecondary education and training in order to then provide computer science education to K12 students. The SBE must adopt rules for the grant program and the CDE must administer the program, accept and review grant applications, and make recommendations to the SBE for awarding the grants. The bill establishes minimum priority criteria for the SBE to consider when making grant awards.

No later than January 1, 2018, and annually thereafter, the CDE must report grant activity to the education committees of the General Assembly.

State Expenditures

For FY 2017-18, this bill increases state expenditures by at least \$564,608 and 0.5 FTE. For FY 2018-19, increased expenditures are at least \$555,274 and 0.5 FTE. Increased state expenditures are for the CDE to create a resource bank of computer science materials and to implement and fund a new grant program. These expenditures are displayed in Table 1 and described below.

Cost Components	FY 2017-18	FY 2018-19
Personal Services	\$27,901	\$33,480
FTE	0.4 FTE	0.5 FTE
Operating Expenses and Capital Outlay Costs	5,178	475
Computer Science Resource Bank	11,488	
Technology Education Training Grants	514,420	514,420
Centrally Appropriated Costs*	5,621	6,899
TOTAL	\$564,608	\$555,274

* Centrally appropriated costs are not included in the bill's appropriation. Personal Services costs for FY 2017-18 have been prorated for the General Fund pay date shift, and to reflect the bill's presumed August 9 effective date.

Computer science resource bank. The CDE will conduct a series of meetings to engage experts in creating the resource bank of computer science education materials for access by teachers. The department will incur travel and meeting costs of \$11,488. The remaining workload to create the resource bank and make it available can be accomplished with existing appropriations.

Computer science education grant program. A viable grant program meeting the bill's requirements is expected to increase state expenditures by at least \$547,499 and 0.5 FTE annually. However, the size of each grant award and the total number of awards must be determined by the SBE and the department via rule, and based on available appropriations.

Assuming the program supports at least one teacher from each school district and provides a full semester at community college rates, grants from the program are at least \$514,420 annually (178 * \$2,890 = \$514,420 in grant awards). This estimate serves as a proxy for the type of grant awards the CDE may make; however, the criteria for awards and the amount available for each grant must be determined by the SBE.

Grant programs require administrative staff to create application procedures, review applications, make award recommendations to the SBE, verify eligibility, disburse grant funds, prepare necessary reports, and ensure accountability. Assuming a grant program that awards over \$500,000 via multiple grants across the state, personal services for administration is estimated at about \$28,000 and 0.5 FTE beginning with FY 2017-18.

Centrally appropriated costs. Pursuant to a Joint Budget Committee policy, certain costs associated with this bill are addressed through the annual budget process and centrally appropriated in the Long Bill or supplemental appropriations bills, rather than in this bill. The centrally appropriated costs subject to this policy are estimated in the fiscal note for informational purposes and summarized in Table 2.

Table 2. Centrally Appropriated Costs Under HB 17-1184		
Cost Components	FY 2017-18	FY 2018-19
Employee Insurance (Health, Life, Dental, and Short-term Disability)	\$3,121	\$3,899
Supplemental Employee Retirement Payments	2,500	3,000
TOTAL	\$5,621	\$6,899

Effective Date

The bill takes effect August 9, 2017, if the General Assembly adjourns on May 10, 2017, as scheduled, and no referendum petition is filed.

State Appropriations

For FY 2017-18, this bill requires a General Fund appropriation of \$558,987 and an allocation of 0.5 FTE to the Colorado Department of Education.

State and Local Government Contacts

Education Higher Education Law