

DEPARTMENT OF EDUCATION

Colorado State Board of Education

RULES FOR THE ADMINISTRATION OF THE COMPUTER SCIENCE EDUCATION GRANT PROGRAM

1 CCR 301-109

1.0 Statement of Basis and Purpose

These rules are promulgated pursuant to section 22-97-203, C.R.S., which establishes the Computer Science Education Grant Program to provide money to public schools or school districts in order to increase enrollment or participation of traditionally underrepresented students in computer science education and requires the Department to administer the grant program in accordance with State Board rules.

2.0 Definitions

- 2.01 “Computer science education” means the study of computers, algorithmic processes, and computer programming and coding, including their principles, their hardware and software designs, their applications, and their impact on society.
- 2.02 “Department” means the department of education created and existing pursuant to section 24-1-115, C.R.S.
- 2.03 “Grant program” means the computer science education grant program created pursuant to section 22-97-203, C.R.S.
- 2.04 “Public school” has the same meaning as provided in section 22-1-101, C.R.S., and includes, but is not limited to, a district charter school or an Institute charter school.
- 2.05 “School district” means a school district authorized by section 15 of article IX of the state constitution and organized pursuant to article 30 of title 22, C.R.S. “School district” also includes a board of cooperative services created pursuant to article 5 of title 22, C.R.S., if it is operating a public school; a district charter school; an Institute charter school; and an online school, as defined in section 22-30.7-102(9.5), C.R.S.
- 2.06 “State Board” means the state board of education created and existing pursuant to section 1 of article IX of the state constitution.

3.0 Application Process, Requirements, and Deadlines

- 3.01 Public schools or school districts may submit an application electronically, using the application form provided by the Department.
- 3.02 Each application submitted must include, at a minimum:

- 3.02(1) Data regarding the total number of students who are currently enrolled or participating in computer science education activities offered by the applicant, if any, disaggregated based on: gender; race and ethnicity; students who are enrolled in special education services or programs, as defined in section 22-20-103(23), C.R.S.; students who are English language learners, as defined in section 22-24-103(4); and students who are eligible for free or reduced-cost lunch. If a demographic category contains five or fewer students, that number on the application must be withheld in order to protect the identity of those students;
- 3.02(2) A description of the computer science education activities currently offered by the public school or school district applicant, if any, including whether any advanced placement computer science courses are offered; and
- 3.02(3) A description of how technology equipment, including but not limited to hardware, software, or accessories, will be used to increase enrollment or participation of students described in section 3.02(1) of these rules in computer science education activities. A grant application must not request more than fifty percent of the total grant award for technology equipment.

4.0 Allowable Uses of Grant Awards

- 4.01 Grant funding may be used for any of the following categories to increase enrollment or participation of traditionally underrepresented students in computer science education:

- 4.01(1) Increasing student awareness through activities including but not limited to computer science career events or guest speakers;
- 4.01(2) Implementing outreach through activities including but not limited to family and community awareness events, the development of community and educational partnerships, or initiatives to increase enrollment or participation of traditionally underrepresented students;
- 4.01(3) Improving learning space(s) including but not limited to designing learning spaces accessible to students with diverse abilities, supporting the integration of computer science within the general curriculum, or purchasing and installing hardware and accessories (equal to no more than fifty percent of the total grant award); and/or
- 4.01(4) Purchasing resources including but not limited to computer science curriculum, student training material, or software as service-based computer science courses.

5.0 Application Review Criteria

- 5.01 The Department, in making recommendations to the State Board, and the State Board, in awarding grants, shall give priority to applications that:

- 5.01(1) Demonstrate how the applicant will use the grant to serve: a high-poverty student population; a high percentage of minority students; students in rural areas; or a high percentage of female students;
- 5.01(2) Expose students to diverse professionals within the computer science industry; or
- 5.01(3) Demonstrate a low number of computer science education activities offered in the public school or school district, if any.

6.0 Amount and Duration of Grant Awards

6.01 Subject to available appropriations, the State Board shall award grants in amounts that the State Board specifies for each grant recipient.

6.02 Grant funding will be awarded for a one-year term and may be awarded on a recurring basis.

7.0 Grant Reporting

7.01 By no later than October 1, 2021, and no later than each October 1 thereafter, each grant recipient that was awarded a grant during the previous school year shall submit an end of year report. If data pertains to five or fewer students, such data must not be included in the report in order to protect the identity of those students. The report must include the following information:

7.01(1) The total number of all computer science education activities, with a description of the computer science programs and computer science curriculum covered;

7.01(2) The total number of students who are enrolled in the computer science education activities offered by the grant recipient, and disaggregated based on: gender; race and ethnicity; students who are enrolled in special education services or programs, as defined in section 22-20-103(23), C.R.S.; students who are English language learners, as defined in section 22-24-103(4); and students who are eligible for free or reduced-cost lunch;

7.01(3) The number of students who enrolled in the computer science education activities offered by the grant recipient and took an end-of-course advanced placement exam;

7.01(4) The number of students who enrolled in the computer science education activities offered by the grant recipient and scored three or above on an end-of-course advanced placement exam;

7.01 (5) The number of students who were exposed to diverse professionals within the computer science industry; and

7.01 (6) The number of students who benefitted from improved learning spaces.