



Washington Office of Superintendent of **PUBLIC INSTRUCTION**

Career & Technical Education

1. **Purpose:**

To provide funding for secondary Career and Technical Education (CTE) grants to support the advancement of high-demand CTE programs for middle schools, high schools, and skill centers; state Career and Technical Student Organizations (CTSOs), and to fund the implementation of 4th-12th grade First Robotics programs. High-demand CTE programs are identified under RCW 28A.700.020.

2. **Description of services provided:**

Proviso funds were distributed via grant funding for the following:

- Grants to support the expansion of high-demand CTE programs to 7th -12th grade students at middle schools, high schools and skill centers.
 - Prioritized high-cost programs requiring technology and equipment for industry certification; and
 - Regional or statewide high demand occupational programs.
- Grants to eight state-recognized CTOSs to support the required extended learning to enrolled CTE students.
- Grants to support the implementation of FIRST Robotics programs to students in 4th -12th grade.
- Funding for professional learning support by Washington Applied Math Council (WAMC) to provide educator workshops and trainings on applied math education.

3. **Criteria for receiving services and/or grants:**

Funds were prioritized for allocation to programs considered to be high cost due to technology and equipment required to maintain industry certification and to programs preparing students for high demand occupations. Grant funds are also used for professional development support to increase dual credit advanced placement coursework, professional development for high-demand programs, and to support statewide access for industry certifications. Grant funds for high-demand programs were eligible to be used for the following purposes:

- Purchase of curriculum
- Professional development
- Creation of pre-apprenticeship programs
- Articulation development with post-secondary
- Technology and equipment upgrades to meet industry standards
- Development or enhancement of high-demand programs through other purposes
- Grants funds were also used to expand access to dual credit opportunities.



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Funds were provided to school districts to support FIRST Robotics programs through a competitive grant process.

FIRST Robotics grant funds may be used for:

- Teacher stipends
- Teacher professional development
- Registration fees
- Supplies and materials
- Equipment and technology
- Other costs associated with direct participation in the FIRST program

The eight state-recognized CTSOs were eligible for funds to provide the required extended learning component of the CTE model, to provide state level resources for use by local affiliated programs, and to support statewide supervision of the leadership activities offered through the organizations.

Beneficiaries in the 2022-23 School Year:

Number of School Districts:	72
Number of Schools:	160
Number of Students:	0
Number of Educators:	301
Other:	9

4. Are federal or other funds contingent on state funding?

☒ No

5. State funding history:

Fiscal Year	Amount Funded	Actual Expenditures
2023	\$2,752,000	\$2,706,562
2022	\$2,752,000	\$2,731,196
2021	\$2,052,000	\$1,595,016
2020	\$2,052,000	\$1,900,315
2019	\$1,802,000	\$1,729,722



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6. Number of beneficiaries (e.g., school districts, schools, students, educators, other) history:

Fiscal Year	Number of Schools/Other
FY23	160/9
FY22	152/9
FY21	181/9
FY20	278

7. Programmatic changes since inception (if any):

The proviso was amended to include that the allocation could be used for programs that serve students in grades four through six to accommodate FIRST Lego League grantees. The proviso has increased to account for additional funding provided to support FIRST program grants. Additionally, the allocation to the eight CTSOs has increased from 100,000 to 800,000 in the 2021 budget.

8. Program evaluation or evaluation of major findings:

The number of direct school beneficiaries are defined as unduplicated schools. The CTSOs and the Washington Applied Math Council (WAMC) work with multiple schools, school districts, and State-Tribal Education Compacts (STEC).

High-demand grant funding was provided to build new or enhance existing CTE programs of study at CTE ALE programs, to middle schools, high schools and skill centers for programs in Construction Trades, Engineering, Manufacturing and Mechanization, Health Care Careers, and Cybersecurity. Requests for grant funding continue to exceed the available amount of high-demand grant funds. Funding was provided to WAMC to coordinate, promote, and develop integrated math, science, technology, and engineering programs across the state through in-service training and professional development to teachers prior to implementing the Applied Math curriculum. Although educators are not direct recipients of funds, 301 have benefitted from this funding.

9. Major challenges faced by the program:

N/A

10. Future opportunities:

Districts/STECs will need continued support in designing and implementing high-demand programs in emerging industry sectors. OSPI is legislatively mandated to limit CTE offerings to high demand areas, as districts/STECs continue to expand and adapt these programs to



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meet the industry recommended technology and equipment, increased funding will be necessary to adequately prepare students for these high demand occupations.

11. Statutory and/or budget language:

\$2,752,000 of the general fund—state appropriation for fiscal year 2022 and \$2,752,000 of the general fund—state appropriation for fiscal year 2023 are provided solely for secondary career and technical education grants pursuant to chapter 170, Laws of 2008, including parts of programs receiving grants that serve students in grades four through six. If equally matched by private donations, \$1,075,000 of the 2022 appropriation and \$1,075,000 of the 2023 appropriation shall be used to support FIRST robotics programs in grades four through twelve. Of the amounts provided in this subsection, \$800,000 of the fiscal year 2022 appropriation and \$800,000 of the fiscal year 2023 appropriation are provided solely for the purpose of statewide supervision activities for career and technical education student leadership organizations.

12. Other relevant information:

The FIRST Robotics program funding is split into three separate grant awards that reflect the three options within age range and program requirements.

- FIRST Robotics Competition: Grades 9-12, Ages 14-18
- FIRST Tech Challenge: Grades 7-12, Ages 12-18
- FIRST LEGO League: Grades 4-8, Ages 9-14

13. Schools/districts receiving assistance:

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14. Program Contact Information:

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