



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:**

Funding is provided to identified recipients to support the expansion of high-demand CTE programs to 7th -12th grade students at middle schools, high schools and skill centers. Grant funds are prioritized to high-cost programs requiring technology and equipment for industry certification. Funds are prioritized to regional or statewide high demand occupational programs. Funding is also provided to the eight state-recognized CTSOs to support the required extended learning to enrolled CTE students. Funds are also provided to support implementation of FIRST Robotics programs to students in 4th -12th grade.

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

Funds are 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 are 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. Grant funds are also provided to school districts to support FIRST Robotics programs, and the state recognized Career and Technical Student Organizations. 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

State-recognized Career and Technical Student Organizations (CTSO's) are eligible for grant 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 CTSOs.

Beneficiaries in 2021-22 School Year:

Number of School Districts: 152

Number of Schools: 206

Number of Students: 0

Number of Educators: 0

Other: 9 WA Applied Math Council; WA DECA;

Washington FFA; Washington State Family, Career and Community Leaders of America; Washington Future Business Leaders of America; Washington Health Occupation Student Association; SkillsUSA Washington; Washington Technology Student Association; Washington Career and Technical Sports Medicine Association.

Number of OSPI staff associated with this funding (FTEs): 0

Number of contractors/other staff associated with this funding: 0

FY22 Funding:	State Appropriation:	\$2,752,000
	Federal Appropriation:	\$0
	Other Fund Sources:	\$0
	TOTAL (FY22)	\$2,752,000

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

No

5. **State funding history:**

Fiscal Year	Amount Funded	Actual Expenditures
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
2018	\$1,802,000	\$1,599,975

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

Fiscal Year	Number of School Districts	Other
FY22	152	9
FY21	181	9
FY20	278	
FY19	324	
FY18	314	
FY17	298	
FY16	242	
FY15	259	
FY14	223	
FY13	210	
FY12	160	
FY11	96	
FY10	85	

7. **Programmatic changes since inception (if any):**

N/A

8. **Evaluations of program/major findings:**

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. Funding was provided to the Washington Applied Math Council 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, 198 of them have benefitted from this funding.

9. **Major challenges faced by the program:**

N/A

10. Future opportunities:

Districts will continue to need 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 continue to expand and adapt these programs to 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:

ESSB 5693, Sec. 522(2)(a) - \$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:

See [OSPI's grantee list](#).

14. Program Contact Information:

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