

High Demand Grants/FIRST Robotics Secondary Career/Technical Ed Grants

1. **Purpose:** The funds provide advancement in Career and Technical Education (CTE) in the areas of high-demand trades, in part through grants to middle schools, high schools, or skill centers, to develop or upgrade high-demand career and technical education programs as identified under section 102 of 2SSB 6377. Funds are used to support:
 - a. An increase in the quality and rigor of secondary career and technical education
 - b. Improve links to postsecondary education, encourage
 - c. Expand access to and awareness of the opportunities offered by high quality career and technical education

2. **Description of services provided:** Grant funds are allocated on a one-time basis and may be used to purchase or improve curriculum, create pre-apprenticeship programs, upgrade technology and equipment to meet industry standards, and for other purposes intended to initiate a new program or improve the rigor and quality of a high demand program. Priority in allocating the funds are given to programs that are also considered high cost due to the types of technology and equipment necessary to maintain industry certification. Priority is also given to programs considered in high-demand. Grants are also provided to support statewide equivalency efforts, dual credit efforts through advanced placement support, and initiatives that reflect the purpose and intention of Chapter 170, Laws of 2008. Grants are also provided to school districts to support FIRST programming.

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

Washington Applied Math Council is funded to coordinate and promote efforts to develop integrated math, science, technology, and engineering programs across the state to provide in-service and professional development to teachers that is required prior to accessing an implementing the Applied Math curriculum.

For high-demand grants, grantees must use grant funding for high demand areas for the following purposes:

- Purchase or improve curriculum
- Support professional development
- Create pre-apprenticeship programs
- Upgrade technology and equipment to meet industry standards

Funds are additionally used for: grants and professional development support to increase dual credit through advanced placement coursework, and grants to support statewide access for industry certifications.

For FIRST Robotics grants, grantees may use funds for:

- Teacher stipends
- Registration feeds
- Supplies/materials

- Equipment
- Other costs associated with direct participation in the FIRST programs including professional development

Career and Technical Student Organizations are granted funds based upon:

- Qualifying as one of the eight state recognized Career and Technical Student Organizations, providing the required extended learning component of the CTE model, and providing state level resources for use by local affiliated programs.

Beneficiaries in 2017-18 School Year:

of School Districts/Schools: 314

Other: 10

of OSPI staff associated with this funding (FTEs): 00

of contractors/other staff associated with this funding: 00

FY 18 Funding:	State Appropriation:	\$1.802 million
	Federal Appropriation:	\$0.0
	Other fund sources:	\$0.0
	TOTAL (FY17)	\$1.802 million

4. Are federal or other funds contingent on state funding? If yes, explain. No

5. State funding history:

Fiscal Year	Amount Funded	Actual Expenditures
FY18	\$1,802,000	\$1,599,975
FY17	\$1,577,000	\$1,346,092
FY16	\$1,577,000	\$1,340,421
FY15	\$1,177,000	\$1,161,243
FY14	\$1,177,000	\$1,176,461
FY13	\$1,077,000	\$1,066,510
FY12	\$977,000	\$842,955
FY11	\$912,000	\$423,369
FY10	\$2,475,000	\$2,475,000

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

Fiscal Year	# grants to Districts, Schools, and/or Skill Centers
FY18	314
FY17	298
FY16	242
FY15	259
FY14	223
FY13	210
FY12	160
FY11	96
FY10	85

7. **Statutory and/or Budget language:**

Budget Proviso: SSB 5883 Section 513(9): \$1,802,000 of the general fund—state appropriation for fiscal year 2018 and \$1,802,000 of the general fund—state appropriation for fiscal year 2019 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, \$825,000 of the 2018 appropriation and \$825,000 of the 2019 appropriation shall be used to support FIRST robotics programs in grades four through twelve. Of the amounts in this subsection, \$100,000 of the fiscal year 2018 appropriation and \$100,000 of the fiscal year 2019 appropriation are provided solely for the purpose of statewide supervision activities for career and technical education student leadership organizations.

8. **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.

9. **List of schools/districts receiving assistance:** See OSPI [website](#)

10. **Program Contact Information:**

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