



North Kitsap School District

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- Meeting:** June 14, 2018
- Category:** 7.0 Management Reports
- Subject:** Career and Technical Education
- Goal(s):**
- 1) Success for all students
 - a. Deliver instruction aligned with standards
 - b. Use instructional strategies to maximize student engagement and learning
 - c. Create safe and nurturing learning environments
 - d. Provide a variety of opportunities to meet the diverse needs of all students
- Budget Implication:** See attached
- Summary:** Board Discussion

Contextual

The Career and Technical Education (CTE) program, within the North Kitsap School District, is a rigorous, applied-learning series of courses to allow students to discover their passion and be career and college ready at the end of their high school career. These programs regularly go through an analysis and shift based on the current need and interests. We had a full program this year, with programs in all four secondary schools. We currently have thirty-one staff members that teach at least one course within the CTE program. The average CTE FTE this year for the district was around 411.

Costs

The CTE program is paid for from a Federal Perkins allocation and state apportionment money. These programs only fund students from the 7-12 grade level. Our Perkins grant money paid for a portion of one of our Career Counselors.

This year the overall budget was around 2.9 million dollars in total for the CTE program. Staffing costs accounted for around 2.2 million dollars and indirect money paid back into the district was around \$151,000 dollars at 5%. The left over money was used as MSOC's for the overall and individual program budgets.

Achievement

The Career and Technical Student organizations are an integral part of all of our programs within the CTE department. These student organizations are involved in local, state, and national competitions as well as hosting leadership events. All of our classrooms have a leadership component built within them to enable our staff to teach 21st century leadership skills to our students. This enables our students to have as many job ready skills as possible when they reach the work-force, which is what many of our industry partners are looking for in the current job environment. We have outlined many successes of our programs within these organizations in our end-of-year document.

KMS and PMS

Both middle school programs offer Computer Applications and Pre-Engineering programs. Poulsbo Middle School also offers a Food Science course, which feeds into the Culinary Arts program at NKHS. Kingston Middle School just started Beginning Horticulture during the second semester. They have 23 students taking part.

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW 2018

Highlights from this year:

- Pre-Engineering students from Poulsbo Middle School also had the opportunity to show case their work at the ROV competition earlier this year.
- Students in Computer Applications earned Microsoft Certificates through the Microsoft Office Academy. Kingston Middle School student, Cori Everhart earned her Microsoft Office Master Certification. She is one of only four students in our district to have eared such a certification.

KHS and NKHS

Kingston High School and North Kitsap High School are both offering multiple CTE courses and programs:

KHS	NKHS
AP Environmental Science Video Health Yearbook Personal Finance Digital Photography Digital Graphics Engineering Game Programming Recording Arts Athletic Medicine American Sign Language Anatomy / Physiology	Child Psychology Family Systems Career Choices Independent Living Interior Design Interpersonal Relationships Culinary Arts Athletic Medicine Health Personal Finance AP Environmental Science Engineering Anatomy / Physiology Jewelry / Metal Art Beginning Agriculture AP Psychology Web Design Yearbook Digital Graphics Computer/Gaming Journalism Recording Arts Pottery

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW 2018

Highlights from this year:

- Students taking the Child Psychology Practicum course at NKHS were able to spend time interning in classrooms at Poulsbo Elementary.
- We implemented a technology replacement cycle for all programs. We will be adding two laptop carts to North Kitsap High School and one to Kingston High School.
- We were able to do an equipment upgrade with almost all programs.
- Students in Athletic Medicine from both schools were able to compete at the state Sports Medicine Competition. Kingston High School had one student in the top 10 for AACI 2018, National Sports Medicine Competition.
- Our Culinary Arts students continue to expand their learning with the use of the greenhouse and our partnership with the revitalized agriculture program. Students continued to provide lunch for the public, as well as catering and serving for events.
- Video at KHS is participating in Digitopia at the Firehouse Theater, which is an annual student film festival that showcases student work. The event is June 14th from 5:00-7:00
- ASL students were involved in the spring drama production.
- The Agriculture / Horticulture program was revived and currently utilizing greenhouse at both North Kitsap and Kingston Middle school to produce crops and use as educational labs once again.
- North Kitsap Agriculture program developed a professional relationship with Olmsted nursery to produce product to be displayed and sold at his local nursery.
- We recognized twenty-eight individuals as leaders in their CTE programs, during our annual CTE student of the year event

Program Goals

The CTE program at NKSD is focusing on continuing to strengthen its program pathways for students. We are looking at new courses and programs that will continue to provide students more opportunities to connect their 7-12 education to their post-high school goals. Some specifics include continuing to expand pathways that show projected job growth: food science/agriculture, health fields, computer science, welding and composites, and sustainable energy and alternative energy. We are also looking to offer more programs in middle school and early high school, helping students explore viable pathways earlier.

Another goal involves communication. CTE is focused on continuing to improve our communication strategies, helping schools and families better understand how to access our programs and follow a pathway over the course of their high school education.

Short-Term Plans and Projects:

There are some pressing needs that will continue to be addressed as we move forward. We will continue to formulate goals around the district and program goals with our advisory programs oversight.

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW 2018

- Continue to offer rigorous and relevant programs that meet industry needs and our local workforce development council recommendations.
- Continue to meet industry standards regarding equipment and supplies within our programs.
- Continue to work with Olympic College and other Community College programs to increase our Tech-Prep (dual credit) opportunities for students within all of our program areas.
- Continue to work with the Teaching and Learning department and building administration to grow and infuse CTE programs into the regular program.
- Purchase an additional server so that increased numbers of students can access Technology programs.

Future Recommendations:

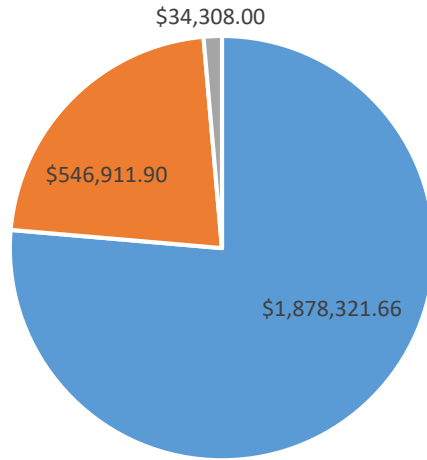
As we continue to look forward to the next twenty (20) years there are a few larger recommendations that we would suggest.

- The Technology building needs to be upgraded as it was not able to be completed during the NKHS remodel. Within our long-range facility planning we need to plan for courses that will lead us into the next twenty (20) years, not for today.
- Along the same lines, consideration for the needs of these types of programs at KHS with any facility upgrades that occur there in the future. Programs at KHS are limited in scope by the lack of space for large-scale equipment.
- Continue to restructure our programs as industry needs develop and as graduation credits increase.
- Continue to integrate Common Core State Standards and Next Generation Science standards into all curriculums. As we do this we should be able to offer increased equivalency credits for our students to meet some of the EOC test standards and SBA requirement.

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW 2018

2016-2017 CTE Budget

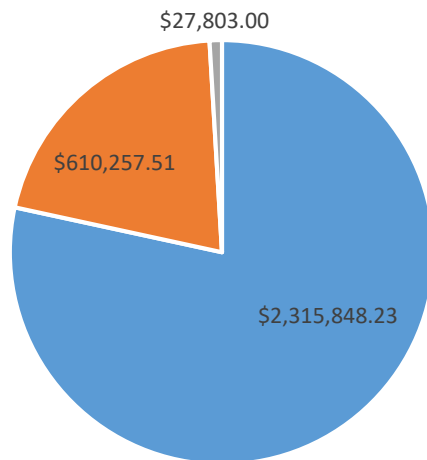
\$2,459,541.56



■ High School ■ Middle School ■ Perkins Grant

2017-2018 CTE Budget

\$2,953,908.74



■ High School ■ Middle School ■ Perkins Grant

**CTE-VOCATIONAL
PROGRAM**

FTE													
Grade	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Avg	16-17 Budget	Difference
7-8	89.13	89.15	89.70	91.06	90.71	90.00	88.52	86.88	87.44	86.89	88.95	91.00	(2.05)
9-12	326.06	335.62	350.57	352.21	348.88	332.76	317.92	319.82	310.94	312.99	330.78	384.00	(53.22)
Total	415.19	424.77	440.27	443.27	439.59	422.76	406.44	406.70	398.38	399.88	419.73	475.00	(55.28)

**CTE-VOCATIONAL
PROGRAM**

FTE													
Grade	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Avg	17-18 Budget	Difference
7-8	88.09	87.56	86.65	86.70	85.80	88.90	88.38	88.55	88.55	88.18	87.74	88.00	(0.26)
9-12	331.35	329.23	330.85	333.52	330.39	329.83	311.67	311.25	306.42	314.69	322.93	332.00	(9.08)
Total	419.44	416.79	417.50	420.22	416.19	418.73	400.05	399.80	394.97	402.87	410.66	420.00	(9.34)