

16 Federal Career Clusters

Agriculture, Food & Natural Resources

- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Food Products & Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural & Technical Systems

Hospitality & Tourism

- Lodging
- Recreation, Amusements & Attractions
- Restaurants & Food/ Beverage Services
- Travel & Tourism

Architecture & Construction

- Construction
- Design/ Pre-Construction
- Maintenance/ Operations

Human Services

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development & Services
- Family & Community Services
- Personal Care Services

Arts, A/V Technology, & Communications

- A/V Technology & Film
- Journalism & Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts

Information Technology

- Information Support & Services
- Network Systems
- Programming & Software Development
- Web & Digital Communications

Business Management & Administration

- Administrative Support
- Business Information Management
- General Management
- Human Resources Management
- Operations Management

Law, Public Safety, Corrections & Security

- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services

Education & Training

- Administration & Administrative Support
- Professional Support Services
- Teaching/ Training

Manufacturing

- Healthy, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation & Repair
- Manufacturing Production Process Development
- Production
- Quality Assurance



Finance

- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities & Investments

Government & Public Administration

- Foreign Service
- Governance
- National Security
- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation

Health Science

- Biotechnology Research & Development
- Diagnostic Services
- Healthy Information
- Support Services
- Therapeutic Services

Marketing

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales

Science, Technology, Engineering & Mathematics

- Engineering & Technology
- Science & Mathematics

Transportation, Distribution & Logistics

- Facility & Mobile Equipment Maintenance
- Health, Safety & Environmental Management
- Logistics Planning & Management Services
- Sales & Service
- Transportation Operations
- Transportation Systems/ Infrastructure Planning, Management & Regulation
- Warehousing & Distribution Center Operations



(Association for Career and Technical Education®, 2017)

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Ben Eielson High School

Accounting 1A/1B (TP)
 Honors Accounting A/B (TP)
 Computer Programming S1/S2 (TP)
 Digital Photo 1A/1B (TP)
 Graphic Design & Publishing (TP)
 Graphic Design & Multimedia (TP)
 Yearbook Publication 1A/1B
 Woods
 Advanced Woods
 Drafting 1A/1B (TP)
 CAD 1A/1B (TP)
 Student Business Enterprise 1A/1B
 Student Business Enterprise II A/B
 Careers and Employability
 Work Based Learning

2016-2017

North Pole High School

Tools of Technology & Trades
 Small Engines 1A (TP)
 Basic Auto Technology
 Advanced Auto Technology (TP)
 Work Based Learning
 Work Based Learning Training Station
 Computer Applications
 Computer Programming S1/S2 (TP)
 Intro to Healthcare Occupations A/B
 Math in Healthcare A/B (TP)

Tech Prep (TP):
 Indicates college credit may be available.

FNSBSD Districtwide CTE Program



Distance Delivery Courses:

Certified Nursing Assistant
 Certified Nursing Assistant Clinical Experience
 Medical Terminology
 Technical Writing
 CTE e-Learning opportunities available via APEX

Lathrop High School

Accounting 1A
 Video Production 1A/1B (TP)
 Digital Photography 1A/ 1B (TP)
 Yearbook Publication 1A/1B
 Computer Applications (TP)
 Computer Programming (TP)
 Intro to Healthcare Occupations A/B (TP)
 Principles of Biomedical Science A/B
 Digital Electronics 1A/1B
 Principles of Engineering 1A/1B
 Intro to Engineering & Robotics A/B
 Engineering Design & Dev. 1A/1B
 Building Trades 1A
 Careers and Employability
 Work Based Learning
 Work Based Learning Training Station

Did you know? FNSBSD Students can enroll part-time in Hutchison High School and take classes during the regular school day.

Transportation may be available!

Hutchison High School

Video Productions 1A/1B (TP)
 Broadcast Journalism 1A/1B
 Digital Photo. 1A/1B (TP)
 Graphic Design & Multimedia (TP)
 Yearbook Publication 1A/1B
 Building Trades 1A/1B, 2A/2B, 3A/3B, 4A/4B
 Tools of Technology and Trades
 Drafting 1A/1B (TP)
 CAD 1A/1B (TP)
 Architectural Drafting 1A/1B (TP)
 Welding 1A/1B, (TP) 2A/2B
 Math for the Trades & Technology 1A/1B
 Intro to IT 1A/1B
 IT Essentials 1A/1B (TP)
 Networking 1A/1B & 2A/2B (TP)
 Modern Electronics 1A/1B
 Mobile Apps
 Personal Relationships (TP)
 Intro to Healthcare Occupations A/B (TP)
 Medical Terminology 1A/1B (TP)
 Math in Health Care (TP)
 Emergency Trauma Technician (TP)
 Professionalism in Health Care (TP)
 EMT 1A/1B (TP)
 Medical Law and Ethics
 Pharmacy Technician (TP)
 Intro to Fire Services 1A/1B (TP)
 Small Engines 1A/1B, (TP) 2A/2B
 Basic Auto Technology
 Consumer Auto Maintenance
 Advanced Auto Technology
 Heavy Equipment Operations & Maintenance
 Careers & Employability
 Independent Research:
 - Architecture & Construction
 - Arts, AV Tech, & Communications
 - Information Technology

West Valley High School

Video Production 1A/1B (TP)
 Digital Photography 1A/ 1B (TP)
 Graphic Design & Publishing (TP)
 Graphic Design & Multimedia (TP)
 Yearbook Publication 1A/1B
 Culinary Arts 1A/1B
 ProStart 1A & 2B
 Drafting 1A/1B (TP)
 Accounting 1A
 Intro to Engineering Design 1A/1B

Work Based Learning
 Work Based Learning Training Station
 Careers & Employability
 Technical Writing
 Computer Applications
 Computer Programming S1/S2 (TP)
 Math for the Trades & Technology S1
 Intro to Healthcare Occupations A/B (TP)
 Math in Health Care (TP)
 Medical Terminology 1A/1B (TP)

School-to-Apprenticeship (STA)

The School to Apprenticeship (STA) program enables high school seniors to gain direct entry into a registered apprenticeship program. The STA program is sponsored by the Fairbanks North Star Borough School District (FNSBSD) and one of the following: Alaska Joint Electrical Apprenticeship & Training Trust (AJEATT), Fairbanks Area Carpenters, Fairbanks Alaska Area Plumbers & Pipefitters, or Ironworkers.

Applications due in the Fall! See your counselor NOW to prepare or contact Heather Christian with the CTE Department at 907-452-2000 x 11538.



Introduction to the Trades

These courses, available to Seniors (Juniors with permission), offer career exploration opportunities for students interested in pursuing high skill, high wage, and high demand occupations:



Building Trades

- Introduction to the Building Trades course will provide a career exploration opportunity for students interested in the Building Trades.
- NCCER, OSHA 10 Construction Worker Safety
- Scaffold User, Fall Protection, and Class 5 Warehouse Forklift Certification



Electrical Trades

- The Introduction to the Electrical Trades course will provide a career exploration opportunity for students interested in the Electrical Trades. Topics will include but are not limited to:
- Residential Wiring & Electrical Service
- Installation of Luminaries & Receptacle Switches



Welding Academy

- The Welding Academy course will provide a career exploration opportunity for students into high skill, high wage, and high demand occupations. Topics will include but are not limited to:
- Pipe Welding & Pipe Cutting
- Stick, Flux-Core, & TIG

WHAT?!? College Credit for High School Classes! ~TECH PREP~

CTE classes that may be eligible for Tech Prep credit are noted (TP) on the reverse.

Certified Nursing Assistant

Certified Nursing Assistant meets the educational requirements for certification of a CNA in the state of Alaska. Students mastering the competencies of this course should be well prepared to take and pass the examination of Nursing Assistant Certification. Six 8-hour days of clinical work and weekly skills labs are required.



Prerequisites and Application Required! See your counselor NOW for more information or contact Heather Christian with the CTE Department 907-452-2000 x 11538.

FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

SCHOOL TO APPRENTICESHIP PROGRAM

EARN DIRECT ENTRY INTO ONE OF FOUR APPRENTICESHIPS!

PARTICIPATING ORGANIZATIONS

- + Alaska Joint Electrical Apprenticeship & Training Trust
IBEW**
- + Alaska Ironworkers Local Union No. 751 JATC**
- + Fairbanks Alaska Area Plumbers & Pipefitters Joint
Apprenticeship Committee**
- + Fairbanks Carpentry Joint Apprenticeship Program**

See your high school counselor for more information or
call the FNSBSD Career & Technical Education (CTE) Department
at 452-2000-11538.



The Fairbanks North Star Borough School District is an equal employment and educational opportunity institution. Auxiliary aids and services are available upon request.

FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

Number of Students Enrolled at Each School by Ethnic Group - October 1, 2016

* Includes students who identified an additional race or ethnicity ** Includes students who also identified as Hispanic	All Students	Caucasian only	African American only	Hispanic*	Asian/Pacific Isl only	AK Native/Amer Ind only	Two or More Races only	Caucasian*	African American*	Asian/Pacific Isl*	AK Native/Amer Ind*	Two or More Races**
		#	#	#	#	#	#	#	#	#	#	#
Elementary	#	#	#	#	#	#	#	#	#	#	#	#
ALS (K-6)	9	4	1	0	0	1	3	5	3	0	3	3
Anderson (K-2)	238	157	14	32	11	1	23	198	27	29	11	51
Anne Wien	373	123	29	36	11	67	107	232	76	40	132	131
Arctic Light	530	248	84	123	25	7	43	333	130	43	18	105
Badger Road (K-5)	474	330	2	27	4	38	73	423	20	22	88	96
Barnette Magnet (K-8)	425	274	15	24	11	22	79	358	48	37	65	100
BEST (K-6)	109	83	0	9	3	5	9	97	7	4	10	15
Crawford (3-6)	302	178	15	41	15	7	46	240	35	41	18	73
Denali	374	139	23	44	32	57	79	229	68	57	107	107
Hunter	346	118	35	48	21	56	68	200	69	38	109	100
Joy	375	176	12	29	14	54	90	267	45	29	130	113
Ladd	490	267	44	83	29	18	49	352	75	57	39	104
Nordale	337	149	32	42	15	38	61	223	65	36	76	88
North Pole Elementary (K-5)	471	316	8	46	7	26	68	401	25	38	68	98
Pearl Creek	494	386	2	18	5	32	51	446	6	19	66	62
Salcha	73	63	1	3	0	1	5	71	1	2	4	8
Ticasuk Brown	488	310	6	31	10	41	90	413	29	35	108	114
Two Rivers (K-8)	95	65	0	7	1	5	17	89	2	3	23	24
University Park	503	289	8	26	9	37	134	428	48	45	117	154
Weller	440	321	2	30	6	21	60	401	11	22	72	87
Woodriver	468	259	5	31	18	52	103	370	42	41	116	123
Elem Subtotal	7414	4255	338	730	247	586	1258	5776	832	638	1380	1756
Middle Schools												
ALS (7-8)	15	7	0	0	0	6	2	8	1	0	8	2
Ben Eielson (7-8)	134	91	7	13	5	1	17	112	10	18	7	24
BEST (7-8)	49	38	0	2	2	3	4	42	1	3	5	4
North Pole Middle (6-8)	656	437	13	46	11	53	96	559	35	32	127	133
Randy Smith	337	197	11	16	10	45	58	255	23	28	82	67
Ryan	391	176	29	36	28	53	69	254	58	39	95	88
Tanana	431	253	39	48	15	27	49	315	52	35	61	71
Jr/Middle Subtotal	2013	1199	99	161	71	188	295	1545	180	155	385	389
High Schools												
ALS (9-12)	77	39	6	3	3	14	12	51	10	6	24	14
Ben Eielson (9-12)	201	128	17	11	17	3	25	155	28	28	10	31
BEST (9-12)	129	88	4	11	1	10	15	104	8	5	24	23
Golden Heart Academy (7-12)	13	3	3	0	0	6	1	4	3	0	7	1
Hutchison	412	288	9	27	4	28	56	357	23	21	58	73
Lathrop	960	503	86	96	69	90	116	624	145	109	151	151
North Pole High	743	537	12	35	17	48	94	643	31	48	108	116
West Valley	977	606	38	61	31	94	147	748	82	78	189	171
High School Subtotal	3512	2192	175	244	142	293	466	2686	330	295	571	580
Charter Schools												
Chinook (K-8)	153	120	0	0	3	4	26	146	2	16	15	26
Effie Kokrine (7-12)	153	40	3	10	2	76	22	62	12	3	104	32
Star of the North (7-12)	205	123	4	9	6	34	29	153	10	13	58	34
Watershed (K-8)	198	154	2	12	1	8	21	182	6	11	20	28
Charter School Subtotal	709	437	9	31	12	122	98	543	30	43	197	120
District Total***	13648	8083	621	1166	472	1189	2117	10550	1372	1131	2533	2845

*** Enrollment on October 1, 2016 and not the official 20-day count.

FAIRBANKS NORTH STAR BOROUGH SCHOOL DISTRICT

Number of Students Enrolled and Percent Ethnicity by School - October 1, 2016

* Includes students who identified an additional race or ethnicity ** Includes students who also identified as Hispanic	All Students	Caucasian only	African American only	Hispanic*	Asian/Pacific Isl only	AK Native/Amer Ind only	Two or More Races only	Caucasian*	African American*	Asian/Pacific Isl*	AK Native/Amer Ind*	Two or More Races**
		#	%	%	%	%	%	%	%	%	%	%
Elementary												
ALS (K-6)	9	44.4%	11.1%	0.0%	0.0%	11.1%	33.3%	55.6%	33.3%	0.0%	33.3%	33.3%
Anderson (K-3)	238	66.0%	5.9%	13.4%	4.6%	0.4%	9.7%	83.2%	11.3%	12.2%	4.6%	21.4%
Anne Wien	373	33.0%	7.8%	9.7%	2.9%	18.0%	28.7%	62.2%	20.4%	10.7%	35.4%	35.1%
Arctic Light	530	46.8%	15.8%	23.2%	4.7%	1.3%	8.1%	62.8%	24.5%	8.1%	3.4%	19.8%
Badger Road (K-5)	474	69.6%	0.4%	5.7%	0.8%	8.0%	15.4%	89.2%	4.2%	4.6%	18.6%	20.3%
Barnette Magnet (K-8)	425	64.5%	3.5%	5.6%	2.6%	5.2%	18.6%	84.2%	11.3%	8.7%	15.3%	23.5%
BEST (K-6)	109	76.1%	0.0%	8.3%	2.8%	4.6%	8.3%	89.0%	6.4%	3.7%	9.2%	13.8%
Crawford (3-6)	302	58.9%	5.0%	13.6%	5.0%	2.3%	15.2%	79.5%	11.6%	13.6%	6.0%	24.2%
Denali	374	37.2%	6.1%	11.8%	8.6%	15.2%	21.1%	61.2%	18.2%	15.2%	28.6%	28.6%
Hunter	346	34.1%	10.1%	13.9%	6.1%	16.2%	19.7%	57.8%	19.9%	11.0%	31.5%	28.9%
Joy	375	46.9%	3.2%	7.7%	3.7%	14.4%	24.0%	71.2%	12.0%	7.7%	34.7%	30.1%
Ladd	490	54.5%	9.0%	16.9%	5.9%	3.7%	10.0%	71.8%	15.3%	11.6%	8.0%	21.2%
Nordale	337	44.2%	9.5%	12.5%	4.5%	11.3%	18.1%	66.2%	19.3%	10.7%	22.6%	26.1%
North Pole Elementary (K-5)	471	67.1%	1.7%	9.8%	1.5%	5.5%	14.4%	85.1%	5.3%	8.1%	14.4%	20.8%
Pearl Creek	494	78.1%	0.4%	3.6%	1.0%	6.5%	10.3%	90.3%	1.2%	3.8%	13.4%	12.6%
Salcha	73	86.3%	1.4%	4.1%	0.0%	1.4%	6.8%	97.3%	1.4%	2.7%	5.5%	11.0%
Ticasuk Brown	488	63.5%	1.2%	6.4%	2.0%	8.4%	18.4%	84.6%	5.9%	7.2%	22.1%	23.4%
Two Rivers (K-8)	95	68.4%	0.0%	7.4%	1.1%	5.3%	17.9%	93.7%	2.1%	3.2%	24.2%	25.3%
University Park	503	57.5%	1.6%	5.2%	1.8%	7.4%	26.6%	85.1%	9.5%	8.9%	23.3%	30.6%
Weller	440	73.0%	0.5%	6.8%	1.4%	4.8%	13.6%	91.1%	2.5%	5.0%	16.4%	19.8%
Woodriver	468	55.3%	1.1%	6.6%	3.8%	11.1%	22.0%	79.1%	9.0%	8.8%	24.8%	26.3%
Elem Subtotal	7414	57.4%	4.6%	9.8%	3.3%	7.9%	17.0%	77.9%	11.2%	8.6%	18.6%	23.7%
Middle Schools												
ALS (7-8)	15	46.7%	0.0%	0.0%	0.0%	40.0%	13.3%	53.3%	6.7%	0.0%	53.3%	13.3%
Ben Eielson (7-8)	134	67.9%	5.2%	9.7%	3.7%	0.7%	12.7%	83.6%	7.5%	13.4%	5.2%	17.9%
BEST (7-8)	49	77.6%	0.0%	4.1%	4.1%	6.1%	8.2%	85.7%	2.0%	6.1%	10.2%	8.2%
North Pole Middle (6-8)	656	66.6%	2.0%	7.0%	1.7%	8.1%	14.6%	85.2%	5.3%	4.9%	19.4%	20.3%
Randy Smith	337	58.5%	3.3%	4.7%	3.0%	13.4%	17.2%	75.7%	6.8%	8.3%	24.3%	19.9%
Ryan	391	45.0%	7.4%	9.2%	7.2%	13.6%	17.6%	65.0%	14.8%	10.0%	24.3%	22.5%
Tanana	431	58.7%	9.0%	11.1%	3.5%	6.3%	11.4%	73.1%	12.1%	8.1%	14.2%	16.5%
Jr/Middle Subtotal	2013	59.6%	4.9%	8.0%	3.5%	9.3%	14.7%	76.8%	8.9%	7.7%	19.1%	19.3%
High Schools												
ALS (9-12)	77	50.6%	7.8%	3.9%	3.9%	18.2%	15.6%	66.2%	13.0%	7.8%	31.2%	18.2%
Ben Eielson (9-12)	201	63.7%	8.5%	5.5%	8.5%	1.5%	12.4%	77.1%	13.9%	13.9%	5.0%	15.4%
BEST (9-12)	129	68.2%	3.1%	8.5%	0.8%	7.8%	11.6%	80.6%	6.2%	3.9%	18.6%	17.8%
Golden Heart Academy (7-12)	13	23.1%	23.1%	0.0%	0.0%	46.2%	7.7%	30.8%	23.1%	0.0%	53.8%	7.7%
Hutchison	412	69.9%	2.2%	6.6%	1.0%	6.8%	13.6%	86.7%	5.6%	5.1%	14.1%	17.7%
Lathrop	960	52.4%	9.0%	10.0%	7.2%	9.4%	12.1%	65.0%	15.1%	11.4%	15.7%	15.7%
North Pole High	743	72.3%	1.6%	4.7%	2.3%	6.5%	12.7%	86.5%	4.2%	6.5%	14.5%	15.6%
West Valley	977	62.0%	3.9%	6.2%	3.2%	9.6%	15.0%	76.6%	8.4%	8.0%	19.3%	17.5%
High School Subtotal	3512	62.4%	5.0%	6.9%	4.0%	8.3%	13.3%	76.5%	9.4%	8.4%	16.3%	16.5%
Charter Schools												
Chinook (K-8)	153	78.4%	0.0%	0.0%	2.0%	2.6%	17.0%	95.4%	1.3%	10.5%	9.8%	17.0%
Effie Kokrine (7-12)	153	26.1%	2.0%	6.5%	1.3%	49.7%	14.4%	40.5%	7.8%	2.0%	68.0%	20.9%
Star of the North (7-12)	205	60.0%	2.0%	4.4%	2.9%	16.6%	14.1%	74.6%	4.9%	6.3%	28.3%	16.6%
Watershed (K-8)	198	77.8%	1.0%	6.1%	0.5%	4.0%	10.6%	91.9%	3.0%	5.6%	10.1%	14.1%
Charter School Subtotal	709	61.6%	1.3%	4.4%	1.7%	17.2%	13.8%	76.6%	4.2%	6.1%	27.8%	16.9%
District Total***	13648	59.2%	4.6%	8.5%	3.5%	8.7%	15.5%	77.3%	10.1%	8.3%	18.6%	20.8%

*** Enrollment on October 1, 2016 and not the official 20-day count.

Ben Eielson High School CTE 16-17

CTE Expenditures by Cluster

Architecture & Construction	FY17	FY16
Laptops	\$ 36,700.00	
Total	\$ -	\$ 36,700.00

Arts, AV Technology	FY17	FY16
Total	\$ -	\$ -

Business & Finance	FY17	FY16
Accounting Online	\$ 1,095.00	
Foundations		
Textbook	\$ 774.92	
Total	\$ -	\$ 1,869.92

Capstone & Other	FY17	FY16
Total	\$ -	\$ -

Health Science	FY17	FY16
Manikins	\$ 2,048.77	
Total	\$ -	\$ 2,048.77

CTE Course Enrollment Data

Career Cluster	Course Enrollments		
	S1	S2	Total
Architecture & Construction			52
Adv Woods	1	12	13
CAD Drafting 1A	4		4
CAD Drafting 1B		4	4
Drafting 1A	9		9
Drafting 1B		2	2
Woods	19	1	20
Arts, AV Technology			61
Digital Photo 1a	11		11
Digital Photo 1B		11	11
Graphic Design & Multimedia		8	8
Graphic Design & Publishing	10		10
Yearbook Publications A	12		12
Yearbook Publications B		9	9
Business & Finance			17
Accounting 1A	3		3
Accounting 1B		4	4
Student Business Ent II A	2		2
Student Business Enterprise 1A	5		5
Student Business Enterprise 1B		3	3
Capstone / Other			70
Careers & Employability	10	5	15
Office Occ Trn Lab	8	2	10
Stu Library Asst	2		2
Stu Office Asst	2		2
Stu Tutoring Asst	18	5	23
Work Based Learning	9		9
Work Based Learning TS	9		9

Ben Eielson High School CTE 16-17

Student Demographic Data

Grade Level CTE COURSE ENROLLMENTS	Course Enrollments		
	S1	S2	Total
9th	39	25	64
10th	23	20	43
11th	29	7	36
12th	43	14	57
Total	200		

Ethnicity - CTE STUDENTS	Students
2 or more	12
African American	5
AK Native	2
American Indian	0
Asian	7
Caucasian	71
Native Hawaiian or Pacific Islander	2
Hispanic	6
Total	105

Other CTE Opportunities	Students
School To Apprentice Applications	0
Intro to Trades – Building Trades (0); Electrical (0); and Welding Academy (0)	0
Certified Nurses Aide	0
Total	0

Professional Development	Amount FY17	Amount FY16
Total	\$ 3,416.58	\$ -

Hutchison High School CTE 16-17

CTE Expenditures by Cluster

Architecture & Construction	FY17	FY16
Welding Equipment & Supplies	\$ 25,102.06	
AWS Library	\$ 3,200.00	
Welding Textbooks	\$ 3,427.05	
Building Trades Supplies	\$ 378.10	
Total	\$ 3,200.00	\$ 28,907.21

Arts, AV Technology	FY17	FY16
Total	\$ -	\$ -

Capstone & Other	FY17	FY16
Total	\$ -	\$ -

Health Science	FY17	FY16
EMS Supplies	\$ 2,479.15	\$ 1,336.35
EMT Textbooks	\$ 5,520.24	\$ 1,206.48
Pharmacy Textbooks	\$ 710.30	
Medical Terminology Textbooks	\$ 3,213.47	
Total	\$ 7,999.39	\$ 6,466.60

Information Technology	FY17	FY16
I Support Learning	\$ 765.00	
Total	\$ 765.00	\$ -

Transportation, Distribution & Logistics	FY17	FY16
Small Gas Engines Text	\$ 504.88	
Air System		\$ 3,001.88
AllData	\$ 975.00	\$ 975.00
ASE Testing	\$ 2,010.00	\$ 2,010.00
Auto Supplies		\$ 1,454.01
Cutaway (2015)		\$ 19,100.00
HEO Textbooks		\$ 3,991.68
ShopKey	\$ 1,099.00	\$ 1,099.00
Simulator System* (\$72K)		\$ 29,807.25
Snap-On		\$ 969.85
Tool Inventory		\$ 5,712.00
Total	\$ 4,588.88	\$ 68,120.67

CTE Course Enrollment Data

Career Cluster	Course Enrollments		
	S1	S2	Total
Architecture & Construction			280
Arch Drafting 1A	9		9
Arch Drafting 1B		8	8
Building Trades 1A	24		24
Building Trades 1B		23	23
Building Trades 2A	5		5
Building Trades 2B		5	5
Building Trades 3A	7		7
Building Trades 3B		7	7
Building Trades 4A	1		1
Building Trades 4B		1	1
CAD Drafting 1A	5		5
CAD Drafting 1B		6	6
Drafting 1A	22		22
Drafting 1B		21	21
Indp Rsrch - Arch & Const	3	6	9
Tools of Tech & Trades	4		4
Welding 1A	34		34

Hutchison High School CTE 16-17

Welding 1B		32	32
Welding 2A	29		29
Welding 2B		28	28
Arts, AV Technology			133
Broadcast Journalism 1A			8
Broadcast Journalism 1B			8
Digital Photo 1a		30	30
Digital Photo 1B	7		7
Graphic Design & Multimedia			29
Indp Rsrch-Arts,AVTech,Com Ctr	12	6	18
Video Production 1A	12		12
Video Production 1B		12	12
Yearbook Publications A		7	7
Yearbook Publications B		2	2
Capstone / Other			48
Careers & Employability	4		4
Stu Lab Asst	4	2	6
Stu Library Asst	4	2	6
Stu Office Asst	1	1	2
Stu Tutoring Asst	2	1	3
Student Classroom Assistants	15	12	27
Human Services			7
Personal Relationships	7		7
Health Science			417
Certif Nurse Asst Clinical Exp	19	13	32
Certified Nursing Assistant	19	13	32
Emergency Med Tech 1A	16		16
Emergency Med. Tech 1B		14	14
Emergency Trauma Tech	15	12	27
Intro to Fire Services 1A	9		9
Intro to Fire Services 1B		7	7
Intro to Healthcare Occ A	43		43
Intro to Healthcare Occ B		45	45
Math in Health Care	20		20
Medical Law & Ethics		18	18
Medical Terminology 1A	62		62
Medical Terminology 1B		57	57
Pharmacy technician		16	16

Professionalism Health Care	19		19
Information Technology			214
Indp Rsrch - Info Tech Cluster	2	2	4
Intro to Info Technology 1A			27
Intro to Info Technology 1B			27
IT Essentials 1a			26
IT Essentials 1b			25
Mobile Apps 1A	16		16
Mobile Apps 1B		16	16
Modern Electronics 1A	17		17
Modern Electronics 1B		16	16
Networking 1A	14		14
Networking 1B		14	14
Networking 2A	6		6
Networking 2B		6	6
Transportation, Distribution & Logistics			265
Advanced Auto Tech	11	11	22
Basic Auto Tech			33
Consumer Auto Maint	34		34
Heavy Equip Maint & Op 1A			17
Heavy Equip Maint & Op 1B			17
Small Engines 1A	61		61
Small Engines 1B		57	57
Small Engines 2A	12		12
Small Engines 2B		12	12

Hutchison High School CTE 16-17

Student Demographic Data

Grade Level CTE COURSE ENROLLMENTS	Course Enrollments		
	S1	S2	Total
9th	130	134	264
10th	130	117	247
11th	236	220	456
12th	217	180	397
Total	1364		

Ethnicity - CTE STUDENTS	Students
2 or more	66
African American	12
AK Native	31
American Indian	3
Asian	3
Caucasian	336
Native Hawaiian or Pacific Islander	1
Hispanic	29
Total (Includes DW CNA & Part-time HHS)	481

Other CTE Opportunities	Students
School To Apprentice Applications	8*
Intro to Trades – Building Trades (1); Electrical (6); and Welding Academy (10)	17
Certified Nurses Aide	9
Total	26

Professional Development	Amount FY17	Amount FY16
Total	\$ 17,235.22	\$ -

Hutchison Part-Time Enrollment (Does not include CNA or Distance Delivery)

Students attending Hutchison Part-Time by School	Students
ALH	1
BEST	7
LHS	2
SON	2
WVHS	30
Total	42

Hutchison Student Part-Time attendance by School	Students
LHS	2
WVHS	25
Total	27

Lathrop High School CTE 16-17

CTE Expenditures by Cluster

Architecture & Construction	FY17	FY16
Chromebooks	\$ 8,939.00	
Tool Shed	\$ 6,639.00	
Materials	\$ 3,540.37	\$ 15,472.45
Alaska Works		
Partnership (AWP)		\$ 28,987.15
Total	\$ 10,179.37	\$ 53,398.60

Arts, AV Technology	FY17	FY16
Cameras	\$ 7,717.50	
Laptops	\$ 36,700.00	
Total	\$ 44,417.50	

Business & Finance	FY17	FY16
Accounting		
Materials	\$ 3,562.50	
Certiport Software		\$ 5,745.00
Foundations Text		\$ 6,693.85
Total	\$ 3,562.50	\$ 12,438.85

STEM / PLTW	FY17	FY16
Participation Fee	\$ 2,000.00	\$ 2,000.00
Total	\$ 2,000.00	\$ 2,000.00

Health Science	FY17	FY16
Curriculum		
Revision		
2017-2018		
Total		

CTE Course Enrollment Data

Career Cluster	Course Enrollments		
	S1	S2	Total
Architecture & Construction			21
Building Trades 1A	12	9	21
Arts, AV Technology			187
Digital Photo 1a	51	21	72
Digital Photo 1B	3	29	32
Video Production 1A	27	7	34
Video Production 1B		20	20
Yearbook Publications A	16		16
Yearbook Publications B		13	13
Business & Finance			61
Accounting 1A	12	17	29
Accounting 1B		1	1
Computer Applications	15	16	31
Capstone / Other			236
Careers & Employability	26	28	54
Office Occupation Training Lab	23	19	42
Stu Lab Assistant		1	1
Stu Library Assistant	4	3	7
Student Classroom Assistants	36	31	67
Work Based Learning	9	13	22
Work Based Learning TS	20	23	43
Health Science			86
Intro to Healthcare Occ A	42		42
Intro to Healthcare Occ B		44	44
Principles of Biomed Science A	54		(54)
Principles of Biomed Science B		52	(52)
STEM / PLTW			270
Digital Electronics S1	7		7
Digital Electronics S2		7	7
Engineering & Robotics S1	47		47
Engineering & Robotics S2		44	44
Engineering Design & Dev S1	4		4
Engineering Design & Dev S2		3	3
Principle of Engineering S1	26		26
Principle of Engineering S2		26	26
Principles of Biomedical Science A	54		54
Principles of Biomedical Science B		52	52

Lathrop High School CTE 16-17

Student Demographic Data

Grade Level - CTE COURSE ENROLLMENT	Course Enrollments		
	S1	S2	Total
9th	81	89	170
10th	102	99	201
11th	138	146	284
12th	113	93	206
Total			861

Ethnicity - CTE STUDENTS	Students
2 or more	61
African American	35
AK Native	25
American Indian	3
Asian	23
Caucasian	236
Native Hawaiian or Pacific Islander	10
Hispanic	41
Total	434

Other CTE Opportunities	Students
School To Apprentice Applications	3
Intro to Trades – Building Trades (4); Electrical (3); and Welding Academy (0)	7
Certified Nurses Aide	8
Total	18

Professional Development	Amount FY17	Amount FY16
Total	\$ 15,853.20	\$ 11,212.55

North Pole High School CTE 16-17

CTE Expenditures by Cluster

Architecture & Construction	FY17	FY16
Welding Equipment		\$ 16,771.44
AWS Library	\$ 3,200.00	
Hectors		\$ 500.00
Band Saw		\$ 24,156.72
Metal Shear		\$ 32,000.00
Total	\$ 3,200.00	\$ 73,428.16

Arts, AV Technology	FY17	FY16
Cameras		\$ 2,290.50
Laptops		\$ 24,180.00
Total	\$ -	\$ 26,470.50

Business & Finance	FY17	FY16
Total	\$ -	\$ -

Health Science	FY17	FY16
Math in Healthcare Texts		\$ 1,962.35
Medical Terminology Texts		\$ 106.33
Total	\$ -	\$ 2,068.68

Hospitality & Tourism	FY17	FY16
Exam Sheets		\$ 1,177.63
Guide to Good Food Texts		\$ 4,514.36
Kitchen Supplies		\$ 4,864.65
ServSafe Instructor Materials	\$ 205.25	
ServSafe Texts		\$ 2,226.40
Workbenches		\$ 7,676.88
Total	\$ 205.25	\$ 20,459.92

Transportation, Distribution & Logistics	FY17	FY16
Auto Equipment		\$ 2,308.02
Small Gas Engines Text	\$ 2,577.87	
Snap-On		\$ 87,594.96
Total	\$ 2,577.87	\$ 89,902.98

Capstone & Other	FY17	FY16
Computer Programming Texts		\$ 2,959.00
Total	\$ -	\$ 2,959.00

CTE Course Enrollment Data

Career Cluster	Course Enrollments		
	S1	S2	Total
Architecture & Construction			229
Arch Drafting 1A	2	2	4
Arch Drafting 1B		1	1
CAD Drafting 1A	3	3	6
CAD Drafting 1B	2	5	7
Drafting 1A	35	17	52
Drafting 1B	7	15	22
Metalworking 1A	52	21	73
Metalworking 1B	27		27
Tools of Tech & Trades		8	8
Welding 1a		21	21
Welding 1B		8	8

North Pole High School CTE 16-17

Arts, AV Technology			118
Digital Cinema Productions 1A	1		1
Digital Cinema Productions 1B		4	4
Indp Rsrch-Arts,AVTech,Com Ctr	3		3
Video Production 1A	40		40
Video Production 1B		10	10
Yearbook Publications A	37		37
Yearbook Publications B		23	23
Business & Finance			8
Computer Applications		8	8
Capstone / Other			216
Office Occ Trn Lab	19	5	24
Stu Lab Asst	12	2	14
Stu Library Asst	7	1	8
Stu Office Asst	19	6	25
Stu Tutoring Asst	9	1	10
Student Classroom Assistants	42	21	63
Work Based Learning	19	11	30
Work Based Learning TS	24	18	42
Health Science			53
Certified Nursing Assistant		12	12
Intro to Healthcare Occupations A		12	12
Math in Health Care	26	3	29
Hospitality & Tourism			195
Culinary Arts 1A	78	33	111
Culinary Arts 1B	10	44	54
Prostart 1A	14		14
Prostart 1B		9	9
Prostart 2A	5		5
Prostart 2B		2	2
Transportation, Distribution, Logistics			133
Advanced Auto Tech	12	8	20
Basic Auto Tech			43
Small Engines 1A	49	21	70

Student Demographic Data

Grade Level - CTE COURSE ENROLLMENT	Course Enrollments		
	S1	S2	Total
9th	135	96	231
10th	105	81	186
11th	157	101	258
12th	168	109	277
Total			952

Ethnicity - CTE STUDENTS	Students
2 or more	59
African American	11
AK Native	22
American Indian	5
Asian	10
Caucasian	355
Native Hawaiian or Pacific Islander	3
Hispanic	22
Total	487

Other CTE Opportunities	Students
School To Apprentice Applications	2
Intro to Trades – Building Trades (3); Electrical (2); and Welding Academy (2)	7
Certified Nurses Aide	13
Total	22

Professional Development	Amount FY17	Amount FY16
Total	\$ 6,712.40	\$ -

West Valley High School CTE 16-17

CTE Expenditures by Cluster

Architecture & Construction	FY17	FY16
Total	\$	\$

Arts, AV Technology	FY17	FY16
Laptops	\$	67,014.00
Total	\$	- \$ 67,014.00

Business & Finance	FY17	FY16
Interactive Panel	\$ 5,829.00	
Total	\$ 5,829.00	\$ -

Health Science	FY17	FY16
Medical Terminology Texts	\$	2,142.31
Math in Healthcare Texts	\$	1,401.68
Medical Terminology Texts	\$	67.80
Total	\$	- \$ 3,611.79

Hospitality & Tourism	FY17	FY16
ServSafe Instructor Materials	\$ 205.25	
ServSafe Texts		\$ 2,226.40
Total	\$ 205.25	\$ 2,226.40

STEM / PLTW	FY17	FY16
Total	\$	\$

Capstone & Other	FY17	FY16
Total	\$	\$

CTE Course Enrollment Data

Career Cluster	Course Enrollments		
	S1	S2	Total
Architecture & Construction			45
Drafting 1A	26		26
Drafting 1B		19	19
Arts, AV Technology			305
Broadcast Journalism 1A	4		4
Broadcast Journalism 1B		3	3
Digital Cinema Productions 1A	2		2
Digital Cinema Productions 1B		1	1
Digital Photo 1a	56	52	108
Digital Photo 1B		21	21
Graphic Design & Multimedia		44	44
Graphic Design & Publishing	21		21
Video Production 1A	49		49
Video Production 1B		10	10
Yearbook Publications A	16		16
Yearbook Publications B		26	26
Business & Finance			37
Accounting 1A		19	19
Computer Applications		18	18
Capstone / Other			281
Careers & Employability	21		21
Stu Lab Asst		1	1
Stu Library Asst	5	1	6
Stu Office Asst	16	8	24
Stu Tutoring Asst	1	2	3
Student Classroom Assistants	56	69	125
Work Based Learning	12	17	29
Work Based Learning TS	26	46	72

West Valley High School CTE 16-17

Student Demographic Data

Health Science			102
Intro to Healthcare Occupations A	53		53
Intro to Healthcare Occupations B		12	12
Math in Health Care		23	23
Medical Terminology 1A	9		9
Medical Terminology 1B		5	5
Hospitality & Tourism			216
Culinary Arts 1A	81	63	144
Culinary Arts 1B	14	35	49
Prostart 1A	14		14
Prostart 2B		9	9
STEM			37
Intro Engineering Design S1	22		22
Intro Engineering Design S2		15	15

Grade Level - CTE COURSE ENROLLMENT	Course Enrollments		
	S1	S2	Total
9th	122	55	177
10th	105	95	200
11th	161	200	361
12th	116	169	285
Total			1023

Ethnicity - CTE STUDENTS	Students
2 or more	86
African American	25
AK Native	49
American Indian	3
Asian	16
Caucasian	363
Native Hawaiian or Pacific Islander	4
Hispanic	31
Total	577

Other CTE Opportunities	Students
School To Apprentice Applications	3
Intro to Trades – Building Trades (1); Electrical (2); and Welding Academy (3)	6
Certified Nurses Aide	8
Total	17

Professional Development	Amount FY17	Amount FY16
Total	\$ 13,108.13	\$ -