# 2023 - 2024 CTE General **Advisory Council** Kick-Off

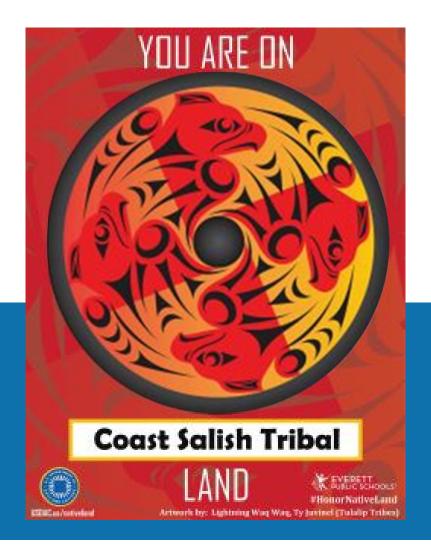
**EVERETT PUBLIC SCHOOLS** October 19, 2023





# Pledge and Land Acknowledgement





### **General Advisory Norms**

- Respect all voices
- Respect everyone's schedule by starting and ending on time
- Respect our commitment to make meetings productive





### **GAC Introductions**



- Your name
- Who you represent

# Agenda:

- Student Spotlight
- Department Update
- Council Chair and Vice Chair Elections
- Course Approvals
- CTE Teacher Approvals
- CTE Data

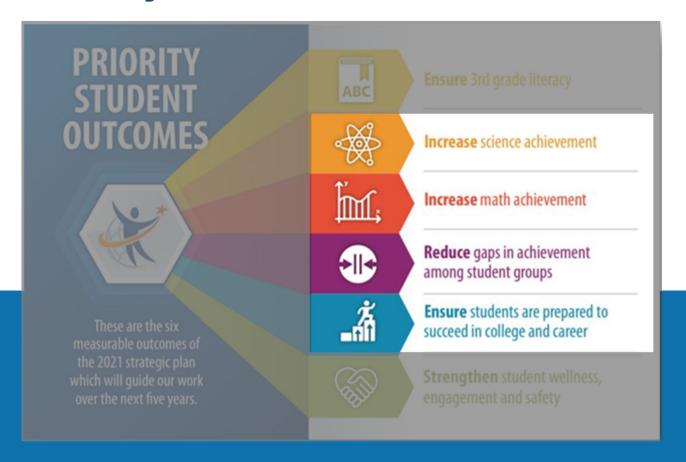
## **General Advisory Goals**

### **Areas of Focus**

- 1. Supporting and guiding our seven career pathway advisories
- 2. Effective communication with stakeholders inside and outside of our schools
- 3. Strengthening alignment between our career programs and present/future career opportunities in our area



### **Priority Student Outcomes**



Spotlight on Cascade High School Food and Nutrition



### **Catering Provided by:**

- Cascade High School Food and Nutrition
- Instructor: Rachelle Jones

Hassan Al-Rubaie
Hussien
Al-Tamimi
Mujaba
Al-Tamimi
Damien Anderson
Celsi BasurtoGerman
Aldo Diaz-Luna

Anaiah Jackson
Megan King
Haley Kitt
Zach Lopez
Tyler Mazzeo
Juan Munoz
Phoenix Murawski
Carter James
AJ Hernandez

Phoung Pham
Brooklynn Pool
Rogelio Ramirez
Jonathan Rivera
Adam Rodriguez
Jehsiah Smith
Christian Sotelo
David Estrada-Soto







### **Catering Provided by:**

- Cascade High School Food and Nutrition
- Instructor: Rachelle Jones















# Educators Rising National Conference



### **Christabel Lahti**

- Senior
- HM Jackson High School



### **Cassidy Nordwall**

- Senior
- Cascade High School



# CTE Department Updates

EVERETT SUBLIC SECURIOR

DEPARTMENT DIRECTORY



### **Department Vision**

We are working to educate the district and community on the true meaning behind CTE – Elementary to High School



### **Supporting Schools and Families**

Updated public resources to educate everyone about CTE pathways



### **Supporting Staff**

Updated staff resources to ensure equitable access to supplies, processes and industry standards









# CTE Department Updates

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### **Supporting Staff**

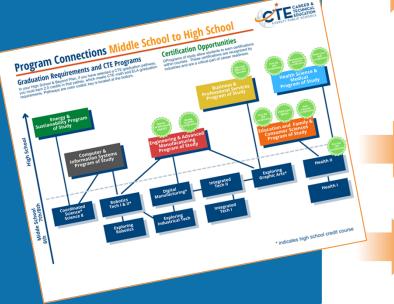
Updated staff resources to ensure equitable access to supplies, processes and industry standards







## CTE Program Updates





### **Communication & Information Systems**

Cisco Networking

Launches 24-25 school year at Jackson High School



#### **Health Science & Medical**

Biomanufacturing

- At Cascade High School and Sequoia High School Biotechnology
- Application for a biology equivalency

Home Care Aide

 Not running this year; rebranded as Introduction to Patient Care and open to all students in the district.

### **Middle School CTE Programs**

- Courses aligned between 5 middle schools
- Vertically aligned with high school programs of study
- Enrollment in Middle School CTE courses up 16 %

### **Dual CTE College Credit**

- Pacific NW College Consortium member
- New courses: Computer Science Principles, AP Computer Science A, Video Production
- Application for: Biotechnology, Biomanufacturing, Foundations of Manufacturing



#### **Everett Career Link**

New summer format-6 weeks to 3 weeks



### **Elections**

If you have anyone to nominate, please raise your hand



### **Board Chairperson**

Maintain personal contacts with members and school personnel, approve announcements, notices, teacher certification documentation, program evaluations, etc.

### **Board Vice Chairperson**

Supports Chairperson on all tasks



# **Chair Nominations**



### **GAC** member states

"I nominate \_\_\_\_\_ as chair for the 2023 – 2024 CTE General Advisory Council"



### **GAC** member states

"I move to approve \_\_\_\_ as chair for the 2023 – 2024 CTE General Advisory Council"



### **GAC** member states

I second the nomination









### Vice Chair Nominations



### **GAC** member states

"I nominate \_\_\_\_\_ as vice chair for the 2023 – 2024 CTE General Advisory Council"



### **GAC** member states

"I move to approve \_\_\_\_\_ as vice chair for the 2023 – 2024 CTE General Advisory Council"



### **GAC** member states

I second the nomination









# Course Approvals

Course	CIP Code	Program
Cisco Network Academy	110901	Communication & Information Technology
Introduction to Graphic Design	500402	Communication & Information Technology
Graphic Design I	500402	Communication & Information Technology
Graphic Design II	500402	Communication & Information Technology
Technical Theater	500502	Communication & Information Technology
Publications I	100303	Communication & Information Technology
Publication II	100303	Communication & Information Technology
Publication III	100303	Communication & Information Technology
Publications IV	091001	Communication & Information Technology

# Fastest growing occupations, 2022 and projected 2032

			Employment	Employment	Median annual
2022 National Employment Matrix title	Employment, 2022	Employment, 2032	change, numeric, 2022-32	2022-32	wage, 2022 <sup>(1)</sup>
Total, all occupations	164,482.6	169,148.1	4,665.5	2.8	\$46,310
Management occupations	12,574.7	13,257.7	683.0	5.4	\$107,360
Business and financial operations occupations	10,591.1	11,179.7	588.6	5.6	\$76,850
Computer and mathematical occupations	<mark>5,277.6</mark>	<mark>6,081.4</mark>	<mark>803.8</mark>	<mark>15.2</mark>	<mark>\$100,440</mark>
Architecture and engineering occupations	2,611.8	2,746.8	134.9	5.2	\$83,700
Life, physical, and social science occupations	1,473.7	1,563.2	89.5	6.1	\$74,330
Community and social service occupations	2,936.5	3,164.2	227.7	7.8	\$49,380
Legal occupations	1,362.4	1,442.3	80.0	5.9	\$95,170
Educational instruction and library occupations	9,354.1	9,570.6	216.5	2.3	\$57,490
Arts, design, entertainment, sports, and media occupations	<mark>3,071.1</mark>	<mark>3,187.0</mark>	<mark>115.9</mark>	<mark>3.8</mark>	<mark>\$58,030</mark>
Healthcare practitioners and technical occupations	9,481.0	10,243.7	762.7	8.0	\$77,760
Healthcare support occupations	7,144.9	8,245.5	1,100.6	15.4	\$33,600
Protective service occupations	3,568.4	3,579.8	11.4	0.3	\$45,450
Food preparation and serving related occupations	12,965.9	13,191.5	225.6	1.7	\$29,640
Building and grounds cleaning and maintenance occupations	5,501.2	5,594.1	92.9	1.7	\$33,870
Personal care and service occupations	4,115.9	4,365.2	249.3	6.1	\$31,340
Sales and related occupations	14,476.4	14,102.0	-374.5	-2.6	\$35,290
Office and administrative support occupations	19,891.4	18,663.8	-1,227.6	-6.2	\$40,910
Farming, fishing, and forestry occupations	996.4	977.2	-19.2	-1.9	\$33,970
Construction and extraction occupations	7,335.5	7,520.6	185.1	2.5	\$50,570
Installation, maintenance, and repair occupations	6,315.3	6,543.7	228.4	3.6	\$50,080
Production occupations	9,134.5	8,845.8	-288.7	-3.2	\$39,910
Transportation and material moving occupations	14,302.8	15,082.2	779.4	5.4	\$37,940

<sup>(1)</sup> Data are from the Occupational Employment and Wage Statistics program, U.S. Bureau of Labor Statistics. Wage data cover non-farm wage and salary workers and do not cover the self-employed, owners and partners in unincorporated firms, or household workers.

Source: Employment Projections program, U.S. Bureau of Labor Statistics



# Occupational projections and worker characteristics – Cisco Networking

2022 National Employment Matrix	Employment, 2022	Employment, 2032	Employment change, numeric, 2022-32	Employment change, percent, 2022-32	Percent self employed, 2022	Occupational openings, 2022- 32 annual average	Median annual wage, 2022 <sup>(1)</sup>	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation
Computer network support specialists	177.9	190.4	12.5	7.0	1.9	13.3	\$68,050	Associate's degree	None	Moderate-term on-the- job training
Database and network administrators and architects	669.4	696.4	27.0	4.0	0.4	40.2	\$103,270	-	-	_
Computer network architects	180.2	186.6	6.3	3.5	1.4	10.2	\$126,900	Bachelor's degree	5 years or more	None
Network and computer systems administrators	339.9	348.2	8.3	2.5	-	19.8	\$90,520	Bachelor's degree	None	None

# Occupational projections and worker characteristics – Graphic Design

2022 National Employment Matrix title	Employment, 2022	Employment, 2032	Employment change, numeric, 2022- 32	Employment change, percent, 2022- 32	Percent self employed, 2022	Occupational openings, 2022- 32 annual average	Median annual wage, 2022 <sup>(1)</sup>	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation
Arts, communications, history, and humanities teachers, postsecondary	304.1	311.4	7.4	2.4	0.2	24.7	\$76,850	_	_	_
Art, drama, and music teachers, postsecondary	123.9	127.8	3.9	3.2	0.3	10.2	\$77,280	Master's degree	None	None
Arts, design, entertainment, sports, and media occupations	3,071.1	3,187.0	115.9	3.8	26.2	316.9	\$58,030	_	_	_
Art and design workers	991.2	1,020.7	29.4	3.0	29.8	95.8	\$51,150	_	_	_
Art directors	135.1	143.2	8.2	6.1	58.1	13.8	\$105,180	Bachelor's degree	5 years or more	None
Graphic designers	270.9	279.8	8.9	3.3	18.7	22.8	\$57,990	Bachelor's degree	None	None



# Occupational projections and worker characteristics – Publications

2022 National Employment Matrix title	Employment, 2022	Employment, 2032	change,	Employment change, percent, 2022- 32	Percent self employed, 2022	Occupational openings, 2022-32 annual average	Median annual wage, 2022 <sup>(1)</sup>	Typical education needed for entry		Typical on-the-job training needed to attain competency in the occupation
Desktop publishers	8.5	7.4	-1.1	-13.5	17.3	0.7	\$47,910	Associate's degree	None	Short-term on-the- job training

# Occupational projections and worker characteristics —Technical Theater

2022 National Employment Matrix title	Employment, 2022	Employment, 2032	Employment change, numeric, 2022-32	Employment change, percent, 2022-32	Percent self employed, 2022	Occupational openings, 2022-32 annual average	Median annual wage, 2022 <sup>(1)</sup>	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation
Agents and business managers of artists, performers, and athletes	19.9	21.5	1.6	8.2	33.1	2.1	\$82,530	Bachelor's degree	Less than 5 years	None
Entertainers and performers, sports and related workers	857.1	906.7	49.6	5.8	23.8	106.8	\$52,940	_	_	_
Miscellaneous entertainers and performers, sports and related workers	50.3	53.5	3.2	6.3	64.9	5.5	-	_	_	_
Entertainers and performers, sports and related workers, all other	26.5	28.7	2.2	8.2	54.6	3.4	_	No formal educational credential	None	Short-term on-the-job training
Makeup artists, theatrical and performance	4.6	4.9	0.4	8.6	32.9	0.8	\$96,370	Postseconda ry nondegree award	None	None



## **Skills Gap – Washington STEM**



## Course Approval



### **GAC Chair**

"I call for the motion"

### **GAC** member states

"I make a motion to approve the courses as presented"

### **GAC** member states

"I second the motion"

### **GAC Chair**

"All in favor please indicate by saying "I" "All opposed same sign"

### **GAC Chair**

"Motion carries"

5



### **Program Approval - Agriculture**

The purpose of the CTE Course and Program Approval processes is to make certain that all CTE courses:

- Ensure academic rigor; Align with the state's education reform requirements and CTE Program Standards;
- Help address the skills gap of Washington's economy;
- Maintain strong relationships with local CTE advisory councils for the design and delivery of career and technical education.



# **Agriculture Courses**

Course	CIP Code
Biology and the Environment	300103
AP Environmental Science	300103
Sustainable Agriculture	010308

# Occupational projections and worker characteristics-Agriculture

OCCUPATION	ENTRY-LEVEL EDUCATION	ON-THE-JOB TRAINING	PROJECTED NUMBER OF NEW JOBS	PROJECTED GROWTH RATE	2022 MEDIAN PAY 🎡 💠
Agricultural engineers	Bachelor's degree	None	0 to 999	Faster than average	\$80,000 or more
Agricultural equipment operators	No formal educational credential	Moderate-term on-the- job training	5,000 to 9,999	Much faster than average	\$30,000 to \$39,999
Agricultural inspectors	Bachelor's degree	Moderate-term on-the- job training	0 to 999	As fast as average	\$40,000 to \$59,999
Agricultural sciences teachers, postsecondary	Doctoral or professional degree	None	0 to 999	Faster than average	\$80,000 or more
Agricultural technicians	Associate's degree	Moderate-term on-the- job training	0 to 999	As fast as average	\$40,000 to \$59,999
Farm and home management educators	Master's degree	None	Declining	Decline	\$40,000 to \$59,999
Farm equipment mechanics and service technicians	High school diploma or equivalent	Long-term on-the-job training	1,000 to 4,999	Faster than average	\$40,000 to \$59,999
Farm labor contractors	No formal educational credential	Short-term on-the-job training	0 to 999	Faster than average	\$40,000 to \$59,999
Farmers, ranchers, and other agricultural managers	High school diploma or equivalent	None	Declining	Decline	\$60,000 to \$79,999
Farmworkers and laborers, crop, nursery, and greenhouse	No formal educational credential	Short-term on-the-job training	Declining	Decline	\$30,000 to \$39,999

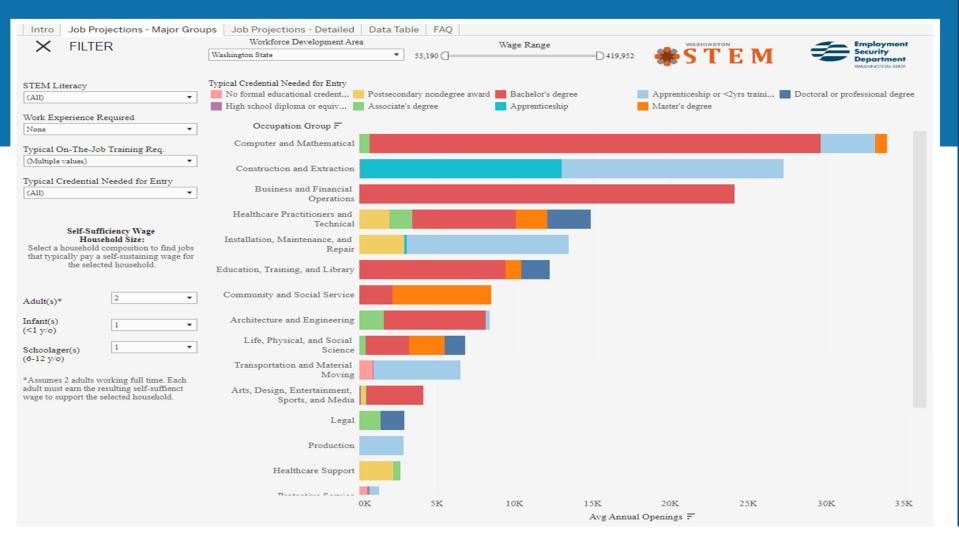


# Occupational projections and worker characteristics-Sustainability

OCCUPATION	ENTRY-LEVEL EDUCATION	ON-THE-JOB TRAINING	PROJECTED NUMBER OF NEW JOBS	PROJECTED  GROWTH RATE	2022 MEDIAN PAY 🏵 💠
Environmental engineering technologists and technicians	Associate's degree	None	0 to 999	Little or no change	\$40,000 to \$59,999
Environmental engineers	Bachelor's degree	None	1,000 to 4,999	Faster than average	\$80,000 or more
Environmental science and protection technicians, including health	Associate's degree	None	1,000 to 4,999	Faster than average	\$40,000 to \$59,999
Environmental science teachers, postsecondary	Doctoral or professional degree	None	0 to 999	As fast as average	\$80,000 or more
Environmental scientists and specialists, including health	Bachelor's degree	None	1,000 to 4,999	Faster than average	\$60,000 to \$79,999



## **Skills Gap – Washington STEM**



# Program Approval



#### **GAC Chair**

"I call for the motion"

#### **GAC** member states

• "I make a motion to approve the Agriculture Program as presented"

#### **GAC** member states

"I second the motion"

#### **GAC Chair**

- "All in favor please indicate by saying "I"
- "All opposed same sign"

### **GAC Chair**

"Motion carries"

5



### **CTE Conditional**

The path to CTE teacher certification is limited, and often times, teachers need to be conditionally certified based on their industry knowledge and teaching experience. Each year, we need to approve all the conditionally certificated teachers.

Туре	School	Teacher	Туре	School	Teacher	Type	School	Teacher
High	Cascade	Beck, Sarah	High	Everett	Semore, Christopher	Middle	Eisenhower	Gamache, Anne
High	Cascade	Beebe, Isolde	High	Everett	Steele, Dana	Middle	Eisenhower	Hauswald, Laura
High	Cascade	Belair, Kimberly	High	Everett	Tarampi, Erin	Middle	Eisenhower	Judd, Caleb
High	Cascade	Cox, Natascha	High	Everett	Undag, Ashley	Middle	Eisenhower	Olsen, Marilyn
High	Cascade	Cushing, Allen	High	HM Jackson	Birse, Travis	Middle	Eisenhower	Whitney, Gary
High	Cascade	Hammond, Tyler	High	HM Jackson	Borden, Emily	Middle	Evergreen	Cruz, Kristi
High	Cascade	Jones, Rachelle	High	HM Jackson	Fisiru, Bintou	Middle	Evergreen	Hilal, Hanadi
High	Cascade	Kefalas, Nicole	High	HM Jackson	Gallaher, Brandon	Middle	Evergreen	Homan, Catherine
High	Cascade	Lau, DaVena	High	HM Jackson	Gifford, Rose	Middle	Evergreen	Shafer, Rachel
High	Cascade	Rainey, Daniel	High	HM Jackson	Hall, Stacey	Middle	Evergreen	Stack, Jeffery
High	Cascade	Royce, Samantha	High	HM Jackson	Heaton-Bush, David	Middle	Evergreen	Taggart, Erica
High	Cascade	Sage, Aimee	High	HM Jackson	Huang, Yiyang	Middle	Gateway	Arnold, Wilson
High	Cascade	Schmidt, James	High	HM Jackson	Jensen, Margaret	Middle	Gateway	Iversen, Neal
High	Cascade	Shook, Douglas	High	HM Jackson	Kemis, Brielle	Middle	Gateway	Murk, Jennifer
High	Cascade	Tanner, Carole	High	HM Jackson	Klinich, Megan	Middle	Gateway	Priddy, Justin
High	Cascade	Venkov, Heli	High	HM Jackson	Kukla, Kevin	Middle	Gateway	Sowa, Jessica
High	Cascade	Webster, Melissa	High	HM Jackson	Marshall, Brian	Middle	Gateway	Vantuyl Washburn, Jennifer
High	Cascade	Weith, Nell	High	HM Jackson	Masoud, Fady	Middle	Gateway	Werder, Mindy
High	Everett	Bovey, Marjorie	High	HM Jackson	McEntire, Torri	Middle	Heatherwood	Anderson, Linda
High	Everett	Dodt, Rebecca	High	HM Jackson	Montzingo, Dan	Middle	Heatherwood	Curtiss, Romes
High	Everett	Estrella, Joseph	High	HM Jackson	Nelson, Laura	Middle	Heatherwood	Hansen, Parker
High	Everett	Flatmo, James	High	HM Jackson	Nickel, Katie	Middle	Heatherwood	Matthews, Stacy
High	Everett	Hawke, Kathryn	High	HM Jackson	Poe, Gregory	Middle	Heatherwood	Mendoza, Brianna
High	Everett	Leggett, Aimee	High	HM Jackson	Redman, Ahnya	Middle	Heatherwood	Walker, Sarah
High	Everett	Leone, Melissa	High	HM Jackson	Shee-Anderson, Bridget	Middle	Heatherwood	Wilson, Susan
High	Everett	Mapp, William	High	HM Jackson	Sivertsen, Melissa	Middle	North	Bruscas, Becky
High	Everett	Parker, Clinton	High	HM Jackson	Smith, Kaja	Middle	North	Forcier, Melissa
High	Everett	Phippard, David	High	HM Jackson	Tobin, Justin	Middle	North	Harding, Sarah
High	Everett	Price, Kristin	High	HM Jackson	Tobin, Lee	Middle	North	Madigan, Shawn
High	Everett	Price, Tammy	High	HM Jackson	Vincent, Joel	Middle	North	Phippard, Christine
High	Everett	Sandwick, Scott	High	Sequoia	Haynes, Maryke	Middle	North	Stockbridge, Margaret
High	Everett	Scott, Elizabeth	High	Sequoia	Thompson, Jeanette			



# **Certification Approval**



**GAC Chair** 

"I call for the motion"

#### **GAC** member states

"I make a motion to approve the Continuing Certifications as presented"

### **GAC** member states

"I second the motion"

#### **GAC Chair**

"All in favor please indicate by saying "I" "All opposed same sign"

### **GAC Chair**

"Motion carries"

5





# **Program Advisory Committees**

#### **Business & Professional Services**

Tuesday, January 16
3:00 PM – 4:00 PM
Farmers Insurance & Financial Solutions - M.K.
Bolling Agency

Energy & Sustainability
TBD

#### **Family & Consumer Sciences**

Wednesday, January 17 3:00 PM – 4:00 PM Cascade High School **Engineering & Advanced Manufacturing**TBD

#### **Communication & Information Technology**

Monday, January 22 3:00 PM – 4:00 PM Eisenhower Middle School Health Science & Medical TBD

#### **Education Careers**

Wednesday, January 10 3:00 PM – 4:00 PM Cascade High School





Tuesday, January 23 3:00 PM – 4:30 PM

Thursday, May 23 3:00 PM – 4:30 PM





# **Thank You!**

We look forward to working with you this year.

Please scan the code to the right or visit bit.ly/GACFeedback2023-24 to sign in and send us your feedback!



