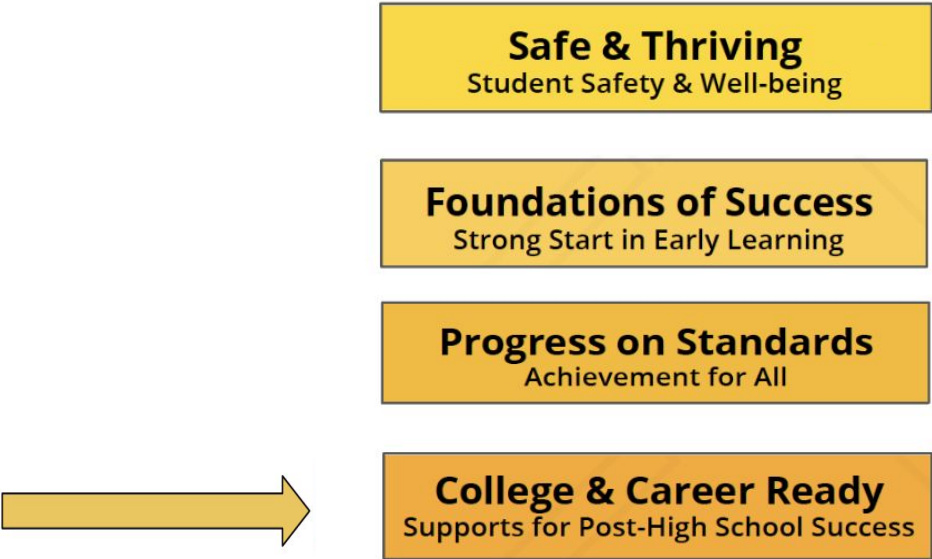# Career Technical Education

Presenters: Dr. Heather Cordie, Dr. Josh Fritts, Jill O'Neill, Diane Fitzpatrick, Bianca Bebb, and Madeline Shick

School Board Meeting
May 28, 2024

BEAVERTON
SCHOOL DISTRICT

District Strategic Plan Goal Areas

Safe & Thriving
Student Safety & Well-being

Foundations of Success
Strong Start in Early Learning

Progress on Standards
Achievement for All

College & Career Ready
Supports for Post-High School Success

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College & Career Ready
Supports for Post-High School Success

Outcomes	Strategies	Building or District	Phase
All students passing Language Arts and Math classes in 6th grade	**Describe and implement early warning system at all levels**	District & Building	Developing
	Guaranteed viable and culturally responsive curriculum with coherent scope and sequence supported by high-leverage instructional strategies and common assessment practices at all levels ● **Consider bulleting out a list of examples/strategies**	District & Building	New / Developing
Every 9th grader on track for graduation	**Support 9th grade on track success with school-level teams**	Building	Sustaining
	Provide targeted summer school for transition between grades 8 & 9 and support between 9 & 10	District & Building	Sustaining
	Explore school scheduling models to maximize learning and continued growth	District	New / Developing
All students leave each level with a plan and a purpose	**Fully implemented and consistent student-driven post-secondary plan starting at elementary level**	District & Building	New / Developing
All students graduate and successfully complete dual credit, IB, AP, CTE and/or dual language courses	**Support student access to and success in dual credit, Advanced Placement, International Baccalaureate, Career Technical Education and dual language courses** • Systematic creation and support of course offerings • Remove barriers to entry • Intentional outreach to increase access • Create a support/mentorship model to bolster student success	District & Building	Developing / Implementing / Sustaining

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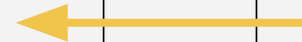
BSD's Equity Lens

Beaverton School District
EQUITY LENS

In order to break the predictive link between student demographics and student success, we must apply the principle of equity to all aspects of our schools/departments.

EQUITY

In Beaverton, we aspire to have the following 5P's:

Partnership elevates multiple perspectives from historically underserved communities

People reflect the diversity of our student body

Place is safe, inclusive and affirming for historically underserved students and their families

Policy articulates a vision for equity

Practice eliminates gaps in access, opportunity, and expectation

1. Whose **voice** is and isn't represented in this decision?

2. Who does this decision **benefit** or **burden**?

3. Is this decision in alignment with the **BSD Equity Policy**?

4. Does this decision **close** or **widen** the access, opportunity, and expectation gaps?

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Learning Objectives for today's meeting

- Learn about BSD's current CTE programs

- Understand how industry, business, and post-secondary partnerships inform and support CTE programs

- Learn about future expansion and enhancement of CTE programs in BSD

What is Career Technical Education?

"CTE is a broad term for education that combines academic and technical skills with the knowledge and training needed to succeed in today's labor market. CTE prepares students for the world of work by introducing them to workplace competencies in a real-world, applied context."

Erin Flynn
Education Northwest

➢ Career-connected learning in the classroom and with industry partners

➢ Work-based learning in workplace settings to apply knowledge and skills

➢ Industry Recognized Credentials

➢ Student Leadership and Career & Technical Student Organizations

6,845

BSD students in at least 1 CTE course in 2023-24

56%

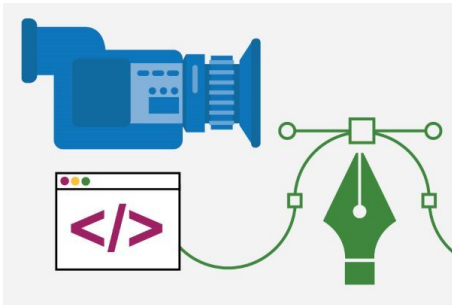**of all BSD high school students are enrolled in at least one CTE course in 2023-24**

Agriculture, Food &
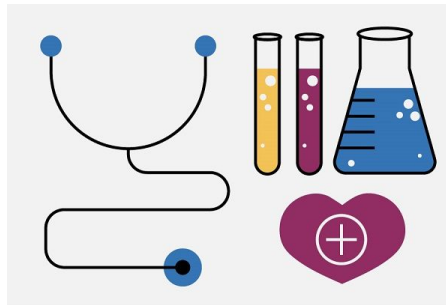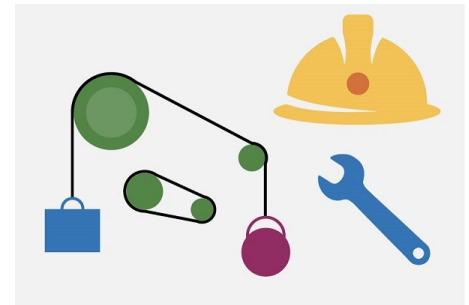Natural Resource Systems

Business &
Management
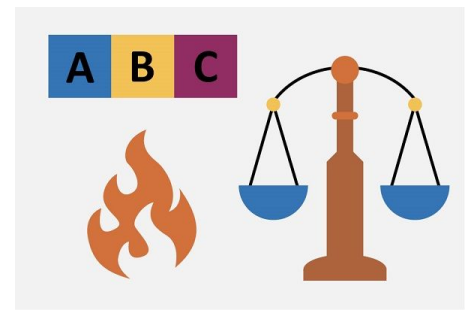
Human Resources

Arts, Information
& Communication

Health Sciences

Industrial & Engineering
Systems

Oregon's Career Learning Areas

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32 CTE Programs in BSD

Agriculture, Food & Natural Resources
- Sustainable Agriculture

Arts, Information and Communications
- Computer Science
- Computer Programming & Coding
- Digital Arts
- Information & Communication Technology

Business and Management
- Business
- Hospitality & Tourism
- Marketing

Health Science
- Biomedical Studies
- Health Careers
- Health Sciences

Human Resources
- Education

Industrial and Engineering Systems
- Architecture & Construction
- Auto Technology
- Construction
- Engineering
- Manufacturing

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Sustainable Agriculture
➢ Terra Nova

Agriculture

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Construction
- ➤ Aloha HS
- ➤ Mountainside HS
- ➤ Option Program at Community School

Architecture & Construction

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Auto Technology
➤ Aloha HS
➤ Option Program at AHS

Auto Technology

Business
➢ Mountainside HS

Marketing
➢ Beaverton HS
➢ Southridge HS
➢ Sunset HS
➢ Westview HS

Business & Marketing

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Computer Programming / Coding
➢ Aloha HS
➢ Southridge HS
➢ Sunset HS

Computer Science & Information Technology
➢ BASE

Information Technology
➢ Mountainside HS

Computer Science

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Digital Arts
➢ Aloha HS
➢ Beaverton HS
➢ Westview HS

Digital Arts

Education

➢ Aloha HS
➢ Beaverton HS
➢ Westview HS
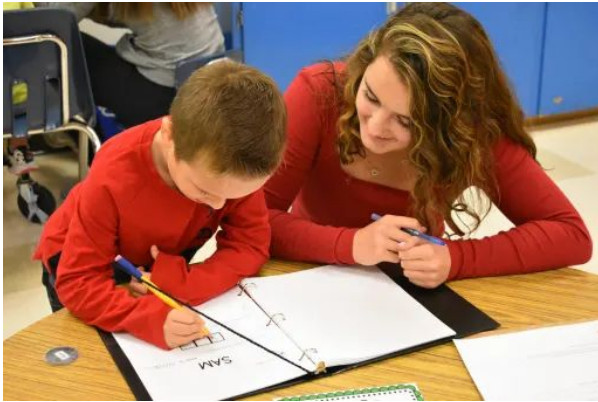
Engineering

➢ BASE
➢ Mountainside HS
➢ Southridge HS
➢ Sunset HS

Engineering

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Biomedical Studies
➢ BASE

Health Careers
➢ Option Program at BHS

Health Sciences
➢ Southridge HS

Health Sciences

Culinary
➢ Mountainside HS
➢ Westview HS

Hospitality & Tourism

Manufacturing
➢ Westview HS
➢ Option Program at WHS

Manufacturing

School / Program of Study	Career Cluster	Career Learning Area	Post-Secondary Alignment	J A S O N D J F M A M J	J A S O N D J F M A M J	J A S O N D J F M A M J	J A S O N D J F M A M J
Aloha High School							
Architecture & Construction	Architecture & Construction	Industrial and Engineering Systems	PCC				
Automotive Technology*	Transportation	Industrial and Engineering Systems	PCC				
Computer Programming/Coding	Information & Communication Technology	Arts, Information & Communications	PCC				
Digital Arts	Art, AV Technology & Communication	Arts, Information & Communications	PCC				
Education	Education & Training	Human Resources	PCC				
Marketing	Marketing	Business & Management	PCC				
Beaverton Academy of Science & Technology							
Computer Science & Information Technology	Information & Communication Technology	Arts, Information & Communications	PCC				
Biomedical Studies	Health Sciences	Health Sciences	PCC				
Engineering	Engineering Technology	Industrial and Engineering Systems	PCC				
Beaverton High School							
Digital Arts	Art, AV Technology & Communication	Arts, Information & Communications	PCC				
Education	Education & Training	Human Resources	PCC				
Electrical Systems	Engineering Technology	Industrial & Engineering Systems	CCC				
Engineering	Engineering Technology	Industrial and Engineering Systems	PCC				
Health Careers*	Health Sciences	Health Sciences	PCC				
Marketing	Marketing	Business & Management	PCC				
Community School							
Construction*	Architecture & Construction	Industrial and Engineering Systems	PCC				
Mountainside High School							
Business	Business, Management & Administration	Business & Management	PCC				
Computer Science	Information & Communication Technology	Arts, Information & Communications	PCC				
Construction	Architecture & Construction	Industrial and Engineering Systems	PCC				
Engineering	Engineering Technology	Industrial and Engineering Systems	PCC				
Hospitality & Tourism	Hospitality & Tourism	Business & Management	COCC				
Southridge High School							
Computer Programming/Coding	Information & Communication Technology	Arts, Information & Communications	PCC				
Engineering	Engineering Technology	Industrial and Engineering Systems	PCC				
Health Sciences	Health Sciences	Health Sciences	PCC				
Marketing	Marketing	Business & Management	PCC				
Broadcasting & Journalism	Art, AV Technology & Communication	Arts, Information & Communications	PCC				
Sunset High School							
Behavioral Health	Health Sciences	Health Sciences	PCC				
Computer Programming/Coding	Information & Communication Technology	Arts, Information & Communications	PCC				
Engineering	Engineering Technology	Industrial and Engineering Systems	PCC				
Marketing	Marketing	Business & Management	PCC				
Terra Nova							
Sustainable Agriculture*	Agriculture, Food, & Natural Resource Systems	Agriculture, Food, & Natural Resource Systems	BMCC				
Westview High School							
Marketing	Marketing	Business & Management	PCC				
Digital Arts	Art, AV Technology & Communication	Arts, Information & Communications	PCC				
Education	Education & Training	Human Resources	PCC				
Hospitality & Tourism	Hospitality & Tourism	Business & Management	COCC				
Manufacturing*	Manufacturing	Industrial & Engineering Systems	PCC				

*Districtwide CTE Option Programs

Legend:
- Exploration
- Curriculum Development, Staffing, and Licensure
- Perkins Application
- Fully Operational Program of Study
- Perkins Revision/Renewal
- Dormant

Continuous Improvement Cycle

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High Quality Programs of Study

- CTE programs of study are designed to meet the needs of students, business and industry

- Built around 6 core elements

6 Core Elements

★ Access & Equity

★ Standards & Content

★ Alignment & Articulation

★ Accountability & Evaluation

★ Student Support Services

★ Professional Development

Industry & Business Partnerships

- **Local industry / businesses**
  - Internships
  - Industry advisory boards
- **Beaverton Area Chamber of Commerce**
  - Internships
- **Washington County Chamber of Commerce**
  - Career-connected learning opportunities
- **Portland Area Career Technical Education Consortium** (PACTEC)
- **Post-secondary Institutions**

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Future Expansion of CTE Programs

- Partner with local industry to enhance current programs and develop future programs that will meet the needs of industry and prepare students for high-demand, high-wage careers in our region

Expanding existing program

- Architecture courses added to SHS Engineering program

Exploring additional programs

- Behavioral Health at SHS
- Electrical Systems at BHS
- Engineering at BHS

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Future Growth

- Engage stakeholders in development of a clear vision for CTE

- Increase access to and persistence in existing programs

- Develop Career-Connected Learning model for Grades 6-8

- Increase student, family and community awareness of CTE programs

- Expand partnerships with local industry for career-connected learning opportunities across PK-12

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Questions

Thank you!

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