



**CASCADIA
TECH ACADEMY**

Inspiring Greatness



**2018
Report to
Our Community**

About Cascadia Technical Academy



WHO WE ARE

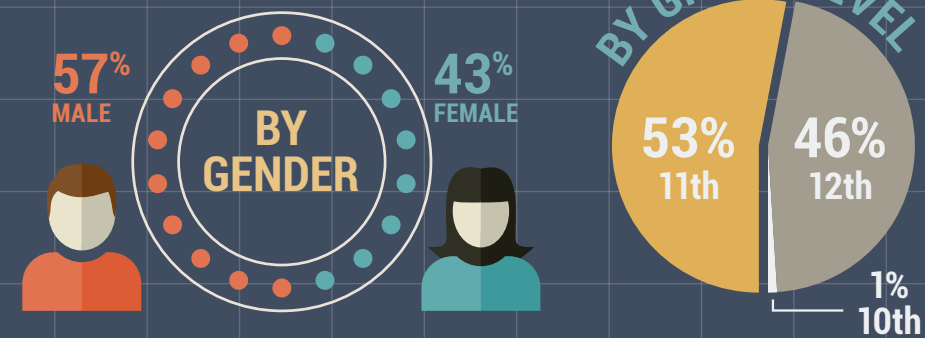
Cascadia Technical Academy (previously known as the Clark County Skills Center) is a cooperative partnership between nine Clark County school districts and Educational Service District 112 serving approximately 1,100 high school students each year.

This is our first-ever Report to Our Community, and we're excited to share with you the great work we do at Cascadia Tech. Whether you have kids in school or not, we hope you enjoy what you find here.

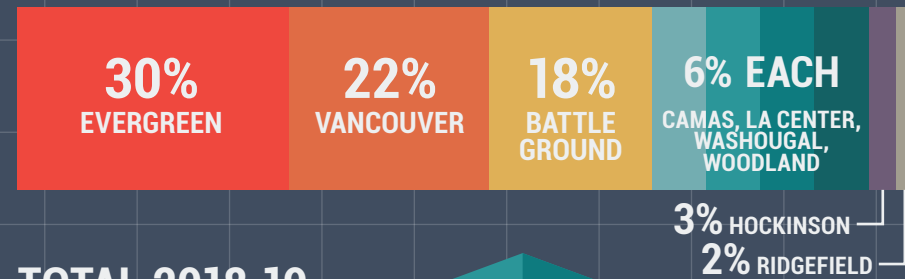
Learn more about us online!
cascadiatechnicalacademy.org

[@cascadiatechacademy](https://www.facebook.com/cascadiatechacademy)

OUR STUDENTS >>>



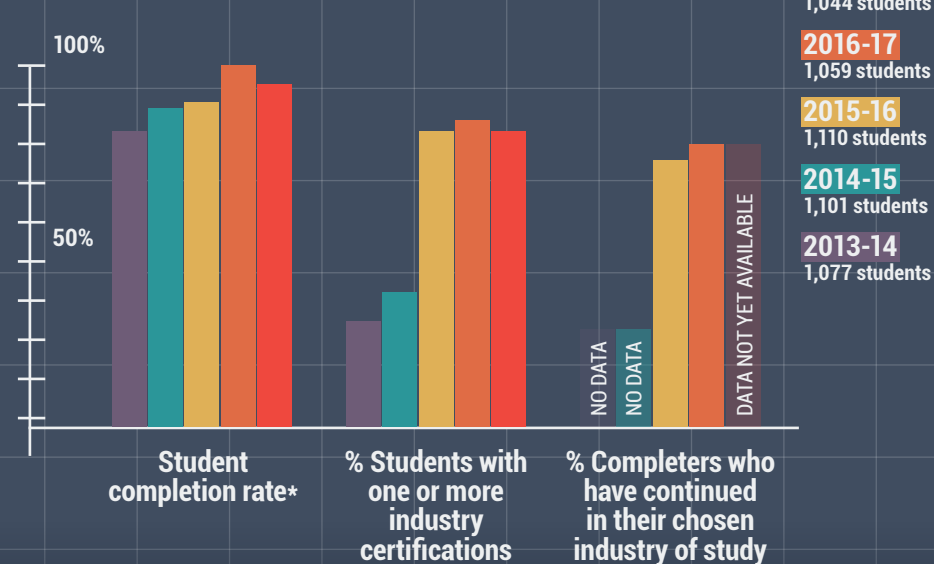
BY DISTRICT >



TOTAL 2018-19 ENROLLEES = **1,085**

43% OF 2017 GRADUATES ARE NOW PURSUING HIGHER EDUCATION

COMPLETIONS & CERTIFICATIONS >



* Completed a minimum of 360 hours of instruction with a C or higher.

OUR PROGRAMS >>>

CULINARY, BAKING & PASTRY ARTS

1-2 year program, started in 1983
 4 industry certifications available
 30 college credits available
 71 enrolled students

APPLIED MEDICAL SCIENCES (AMS)

1 year program, started in 1983
 3 industry certifications available
 10 college credits available
 98 enrolled students

DENTAL

1-2 year program, started in 1983
 6 industry certifications available
 14 college credits available
 92 enrolled students

COSMETOLOGY

1-2 year program, started in 1983
 2 industry certifications available
 94 enrolled students

FASHION DESIGN

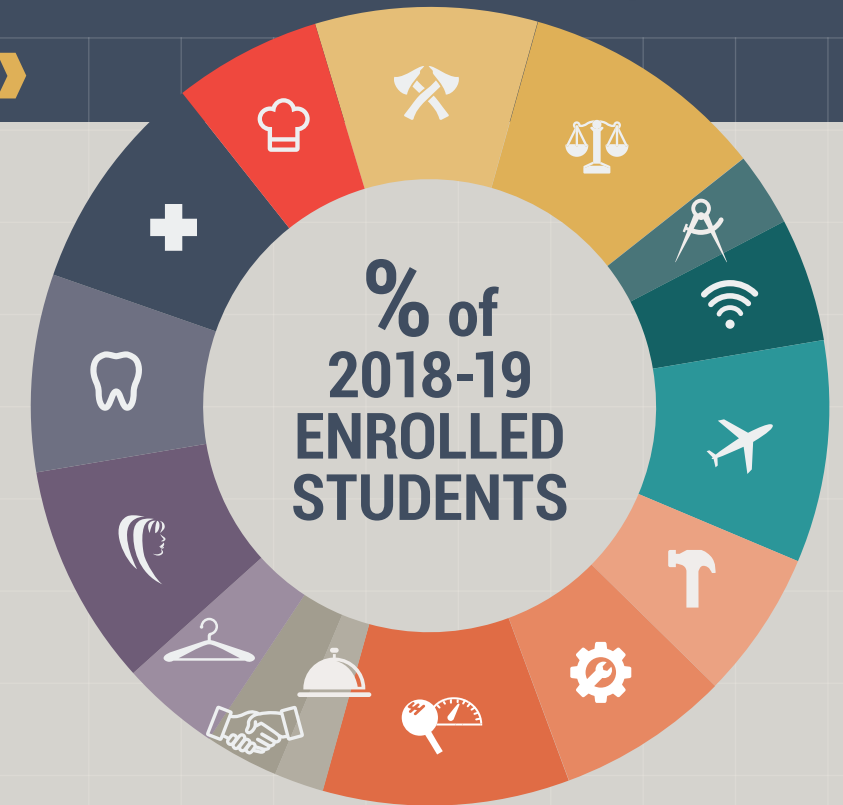
1-2 year program, started in 1984
 4 industry certifications available
 6 college credits available
 38 enrolled students

ADMIN. OFFICE PROFESSIONAL

1-2 year program, started in 1983
 3 industry certifications available
 19 college credits available
 27 enrolled students

HOSPITALITY & TOURISM

1-2 year program, started in 1991
 4 industry certifications available
 10 college credits available
 21 enrolled students



AUTOMOTIVE TECHNOLOGY

1-2 year program, started in 1983
 3 industry certifications available
 20 college credits available
 109 enrolled students

CONSTRUCTION TECHNOLOGY

1-2 year program, started in 1987
 2 industry certifications available
 19.5 college credits available
 69 enrolled students

DIESEL TECHNOLOGY

1-2 year program, started in 1983
 3 industry certifications available
 35 college credits available
 80 enrolled students

AVIATION TECHNOLOGY

1-2 year program, started in 2014
 7 industry certifications available
 50 college credits available
 97 enrolled students

IT SYSTEMS, SERVICE & SUPPORT (ITS³)

1-2 year program, started in 1983
 4 industry certifications available
 20 college credits available
 55 enrolled students

PRE-ENGINEERING DESIGN TECHNOLOGY

1-2 year program, started in 1991
 2 industry certifications available
 6 college credits available
 37 enrolled students

CRIMINAL JUSTICE

1-2 year program, started in 1996
 6 industry certifications available
 15 college credits available
 103 enrolled students

FIRE SCIENCE

1-2 year program, started in 1991
 6 industry certifications available
 12 college credits available
 94 enrolled students

Spotlight on Alumni

We're incredibly proud of our Cascadia Tech alumni, many of whom have found their greatness right here in Southwest Washington. The four alumni featured here demonstrate where effective Career Technical Education (CTE) can take students—from college and educational leadership to civil service to small business ownership.

Are you a Cascadia Tech alum? Share your story with us at: tinyurl.com/CTA-alumni



PAUL HUDDLESTON & JOAN HUSTON *Computer Technology, Digital Services Technology and Word Processing, 1984-87*

In the mid-1980s, Joan Huston and Paul Huddleston were students at Woodland High School. Neither planned to go to college, but both had an interest in technology. That interest led them to the Computer Technology and Digital Services Technology programs (now one program called ITS³) at Cascadia Tech (then Clark County Skills Center).

Three decades later, Huston is the new assistant director of Cascadia Tech, and Huddleston is the athletic director for Woodland Public Schools. Both credit their Cascadia Tech experiences with helping them find their careers.

Computers were just beginning to revolutionize the workplace when the two were in high school. Huston overheard an older student raving about her experience at Cascadia Tech, so she went to see her high school counselor about it. "My counselor tried to talk me out of Computer Technology," recalls Huston. "It was the '80's, and it wasn't something a girl should do, but I was adamant that I wanted that program. I'm so glad I

advocated for myself."

She and Huddleston both discovered that Cascadia Tech was exactly what they needed. Huddleston, a high school athlete, found the program to be compatible with his extracurricular activities, since the sessions were in the morning. Huston discovered a love of learning that carried over into her studies at Woodland High School.

"[Cascadia Tech] literally put me on a different path in life that I never could have imagined for myself," says Huston. "My [Cascadia Tech] instructors taught me how to learn and gave me the confidence to believe I could succeed. They also gave me experience and the skills needed to work and pay my way through college."

Huston became her family's first college graduate. She credits a Cascadia Tech instructor, who insisted she attend college and helped her with the enrollment and registration process. Huston says, "I could have never done it without her. She believed in me." Huston went on to become a teacher, then a school administrator, now at Cascadia Tech.

"The assistant director position at Cascadia Tech was what I have been preparing for my entire working life," she says. "I earned my CTE [Career and Technical Education] Director certificate while teaching in Woodland and hoped to use it someday. I believe in career and technical training because it's made me who I am. I believe our students at CTA can have the same experience I had, and I know many of them do."

Like Huston, Huddleston also found his way to college and pursued a career in education. He loved technology, but there weren't a lot of

technical college options at that time. He ultimately decided to go to community college for his associate's degree, then got his bachelor's in elementary education from Central Washington University.

"I decided on education because I liked working with kids, and I knew that if I taught I could also coach," he explains. "Sports and technology are the two things I'm passionate about."

Huddleston's passion for technology and experience from his Cascadia Tech program created opportunities for him when he began teaching in the Kalama School District.

"When I first started teaching, the internet was just starting, and computer networking was just hitting schools," says Huddleston. "Thanks to my tech skills, I was able to help fellow teachers when they were having issues. My superintendent realized my abilities and created the technology/athletic director position for me."

In 2010 Huddleston took the position of athletic director for Woodland Public Schools. He still had a passion for the trades, so he went through the CTE Director Internship Program to also become the CTE director at Woodland for three years. This year he decided to only focus on one director position (athletics), but he is keeping up with technology by teaching an AP computer science class. He still frequently sees his former classmate, friend and fellow "tech nerd" Joan Huston.

As for Huston, she is excited to be working with the teachers at Cascadia Tech in her new leadership role.

"We share a passion for CTE and for student success," she says. "We see and understand our students' potential. It's our job to ready them for the workforce and to help them see the potential in themselves."

OTHER NOTABLE CTA ALUMNI

LINDSAY SCHULTZ *Criminal Justice, 1997*



Lindsay Schultz decided that she wanted to be a police officer when she was a teen, and she applied for Cascadia Tech's Criminal Justice program the year it began in 1996. From there she entered the cadet program through WSU and the Clark County Sheriff's Office and joined the the Sheriff's Office full-time when her studies were complete in 2002. Today she is one of three detectives assigned to the Major Crimes Unit, and she specializes in cold case files.

Read more about Lindsay Schultz's career path at: tinyurl.com/CTA-Schultz

JEN WESTLEY *Cosmetology, 2001*



A 2001 graduate of Prairie High School, Jen Westley completed the Cosmetology program (then known as Phagan's Beauty School) before it was located on the Cascadia Tech campus. She worked as a stylist and artistic educator before partnering with the owner of Hockinson Hair for All when she was just 22 years old. In 2012 Westley bought out her partner and changed the name to Platinum Inc Salon, where she manages three other stylists.

Read more about Jen Westley's career path at: tinyurl.com/CTA-Westley

ABOVE LEFT: Lindsay Schultz works as a detective in Clark County.
ABOVE RIGHT: Jennifer Westley owns her own salon in Hockinson.



LEFT: Joan Huston and Paul Huddleston, class of 1987, remain close friends today.

A Plan to Revitalize Our Facilities



OUR CAMPUS

We opened our doors for the first time in the fall of 1983 with three buildings (100, 200 & 300 buildings). Since that time, we have added three additional buildings to support new programs and give even more students the opportunity to experience this unique educational pathway.

The original three buildings have served well for nearly four decades, but with even more student requests to attend Cascadia Tech along with significant shifts in what industry expects, a dramatic revitalization of our facilities at Cascadia Tech is now required. Specifically, the Culinary, Dental, Applied Medical, Automotive and Diesel programs do not have the space needed to serve all the students requesting to attend Cascadia Tech. Our revitalization plan will increase our capacity and help better prepare students for high-demand fields at the industry standards expected in today's businesses.

PHASE 1

Construct a new main building (est. \$29 million) and remove the old 200 and 300 buildings

The new two-story structure will house the following service-sector programs:

- Culinary, Baking & Pastry Arts
- Dental
- Applied Medical Sciences
- Administrative Office Professional
- Fashion Design
- Hospitality & Tourism
- Criminal Justice

This replacement building will also serve as the new core of our campus and will have all of our multi-use spaces, including our restaurant and community meeting rooms.

Cascadia Tech serves our partner districts and the community by providing event spaces and meeting rooms for more than 100 different events per year. These events provide valuable learning opportunities for our students within our programs and are a significant community service to many different local stakeholders.

PHASE 2

Replace the original 100 building with a new building (est. \$21 million) that is 20% larger

This new building will serve three existing production-sector programs and one additional new program:

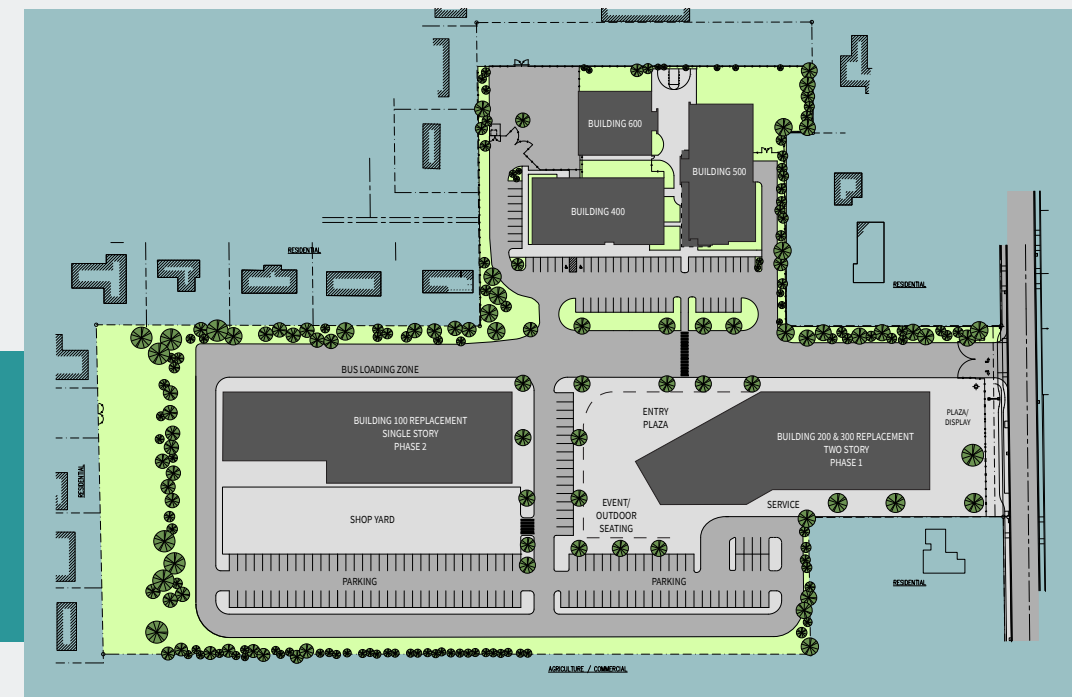
- Diesel Technology
- Automotive Technology
- Construction Technology
- New Industrial Tech Program TBD (Possibly Robotics & Advanced Manufacturing)

This will enable us to match our instruction to current industry standards in these high-demand industries and allow more students to be served.

FUNDING

Core funding for this revitalization plan comes from the state of Washington. What is required locally is a minimum 10% match funding (Cascadia Tech currently has \$1.1 million in reserve for matching funds). The following are the estimated costs (state and local match) for each phase:

Phase 1	
State Funding	\$25,829,911
Local Match	\$2,869,991
Total	\$28,699,902
Phase 2	
State Funding	\$18,712,744
Local Match	\$2,076,861
Total	\$20,769,605



Top Right: Architect's rendering of the new two-story core building (Phase 1).

Right: Cascadia Tech Academy campus site plan after both phases are complete.

FACILITY REVITALIZATION PLAN TIMELINE >>>



WINTER 2019
Seek state funding for Phase 1



SPRING 2019
Obtain local match funding for Phase 1



WINTER 2021
Seek state funding for Phase 2 planning and design



FALL 2022
Move in to new 200/300 building



WINTER 2023
Seek state funding for Phase 2 construction



SPRING 2023
Obtain local match funding for Phase 2



FALL 2025
Move in to new 100 building



CASCADIA
TECH ACADEMY
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Vancouver, WA 98682

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Clark County Resident

OUR WORK

Over the past 35 years, Clark County's skills center—Cascadia Tech Academy—has prepared nearly 30,000 students for well-paying jobs, many right here in Clark County.

Each year, roughly 7 out of 10 of our students continue in their industry of study upon graduation—either by going directly into the workforce or by furthering their educations through our partner colleges, trade schools and apprentice programs. Overall, more than 40% of our students each year go on to some form of higher education as their next step following graduation. It's no wonder then that we have received numerous local, state and national awards for excellence in Career and Technical Education.

Preparing a great workforce

"When planning for a future economy, it is important to understand that **all industries are dependent on a talented workforce that has technical skills and/or degree attainment.** Clark County's future economy requires a skilled workforce with training in career technical education (CTE) and access to higher education science, technology, engineering and mathematics (STEM) degrees."

- Columbia River Economic Development Council (CREDC)
Clark County Comprehensive Economic Development Plan 2018-2023

EMPLOYMENT SECTORS CLARK COUNTY, 2016 *



29.4%
KNOWLEDGE
TECHNOLOGY & SCIENCE,
ARTS & CULTURE,
PROFESSIONAL SERVICES



25.2%
PRODUCTION
AUTOMOTIVE,
MANUFACTURING,
FABRICATION



43.3%
SERVICE
FOOD SERVICE, SALES,
PERSONAL CARE, RETAIL,
HEALTH SERVICES

Though on the decline nationally, Clark County's production sector is expected to **increase 16% by 2026.**

By 2026, Clark County's knowledge-based workforce is expected to grow **13.3%**. On average, these jobs pay **50% more** than jobs in the other two sectors.

* SOURCE: CREDC CLARK COUNTY COMPREHENSIVE ECONOMIC DEVELOPMENT PLAN 2018-2023