WASHINGTON STATE COMMUNITY AND TECHNICAL COLLEGES

FIELD GUIDE

2020

Better Jobs, Brighter Futures, a Stronger Washington
STATE BOARD FOR COMMUNITY AND TECHNICAL COLLEGES: BOARD MEMBERS

Wayne Martin, chair, Kennewick
Carol Landa-McVicker, vice chair, Spokane
Ben Bagherpour, Vancouver
Crystal Donner, Everett
Anne Fennessy, Seattle
Phyllis Gutierrez Kenney, Edmonds
Chelsea Mason, Puyallup
Jay Reich, Seattle
Fred Whang, Tacoma
Jan Yoshiwara, SBCTC executive director
Meet Tacoma Community College’s Student Leaders

For the students working in Tacoma Community College’s Office of Student Engagement, getting involved and giving back is a mission and a passion. TCC hires students to organize and host on- and off-campus events, run student government and campus clubs, produce student-focused news, and host leadership and growth opportunities. Through their experience as part of the Office of Student Engagement, students build their on-the-job skills, create lifelong relationships and memories, and enrich TCC and their classmates.

Get involved, stay in school

Our colleges exist to teach students the skills they need to succeed in the workplace and in their lives. Strong academics serve our students well, but that’s just part of the college experience. We know students who get involved in campus activities are more likely to stay engaged in their education. Strong student life — like that provided by Tacoma Community College’s Office of Student Engagement — means students are more likely to get better grades, complete their programs, earn a certificate or degree, and go on to continue their education or move into a sustainable job.

Diverse communities means diverse experiences

Washington’s 34 community and technical colleges strive to maximize student potential. Students of all ages, races and backgrounds come to our colleges because they’re affordable and accessible. We value our students’ perspectives and outlooks — they enhance the lives of one another, our faculty and staff, and our college communities. We recognize that to transform the lives of our 363,000 students, our colleges must create a culture of belonging that advances racial, social and economic justice. Programs like Tacoma Community College’s Office of Student Engagement help create that culture every day. The result is better jobs for students, brighter futures for them and their families, and a stronger Washington for us all.
College system key facts

- **Attendance**: 47% full-time, 53% part-time
- **38%** of students receive need-based financial aid in eligible programs
- **24%** of students have children
- **11** Centers of Excellence located throughout Washington state
- **81** high-enrollment courses in the Open Course Library
- **26** students’ median age

**Enrollment**
1. Headcount (all sources) 362,862
2. Headcount (state-funded) 252,067
3. FTES (all sources) 169,652
4. FTES (state-funded) 123,292
College system key facts

47% of community and technical college students are students of color

Race/Ethnicity*
1. White/Caucasian 63%
2. Hispanic/Latino 19%
3. Asian 14%
4. African American 9%
5. Native American 3%
6. Pacific Islander 2%
7. Other race 3%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

$20.5 billion amount community and technical colleges, their current students, and former students add annually to Washington’s economy.

$4,127 full-time resident tuition for an academic year.

4,164 students received job training with the help of Opportunity Grants.

43% male
57% female

Students’ Gender
30,167 Associate degrees awarded

39% Public baccalaureate graduates in Washington start at a community or technical college

Students in Selected Programs
1. Running Start 30,008
2. Apprentices 14,638
3. International 13,779
4. Worker Retraining 11,520
5. Corrections 6,942
6. I-BEST 6,626
7. Applied bachelor’s 4,796

47% of students work

Type of Student
35% academic/transfer
10% basic skills
7% other
48% workforce education

Sources and notes
Enrollment and student demographic information may be found on the Washington State Board for Community and Technical Colleges’ website Research dashboards. Data from the 2018-19 academic year unless otherwise noted.

The calculation for students receiving need-based financial aid includes only those students who were eligible to receive aid rather than all students.

Visit www.sbctc.edu/colleges-staff/research/data-public/
1. Economic Modeling Specialists, Inc. (December 2016.)
KEY FACTS (DATA FROM 2018-2019 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)

Year Founded
1940

Service Area
Pierce County

Legislative Districts
2, 25, 26, 27, 28, 29, 30, 31

Highest Enrolled Programs
• Practical Nurse
• Early Childhood Education
• Diesel and Heavy Equipment Technology
• Electrical Construction
• Fire Service
• Welding

Enrollment
Headcount (all sources) 7,571
FTES (all sources) 3,827
Headcount (state-funded) 6,416
FTES (state-funded) 3,290

Students in Selected Programs
Apprentices 1,928
I-BEST 338
International 5
Running Start 9
Worker Retraining 361

STUDENT PROFILE — STATE-FUNDED

Type of Student
2% basic skills
19% workforce education
60% full-time
40% part-time

Race/Ethnicity*
African American 10%
Asian 7%
Hispanic/Latino 11%
Native American 4%
Pacific Islander 1%
Other race 2%
White/Caucasian 74%

Gender
Female 50%
Male 50%

Median Age: 32

Family and Finances
Students receiving need-based financial aid in eligible programs 41% Students who work 60% Students with children 45%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

POINTS OF INTEREST

Responding To Fire Service Industry Needs
A leader in the state in firefighter education, Bates Technical College is in the pre-design stage for a new Fire Service Training Center, responding to industry needs. The college’s Fire Service program proudly partners with area fire organizations and local and federal governments to ensure the needs of our state and community are being met. To continue providing comprehensive, quality fire service training, a larger, updated facility accurately modeling the needs of the field is greatly needed. A modernized educational building will feature technology-rich classrooms and collaborative environments, computer labs, fire station apparatus mock-up facilities and more.

Dental Lab Technology Program Helps Industry Meet New Requirements
The only dental lab technician education program in the Pacific Northwest and one of few nationwide featuring digital dentistry CAD/CAM, Bates Technical College’s Dental Lab Technician program is well situated to help labs in Washington state meet new requirements signed into law in 2019. Among other things, the law requires dental labs in Washington state to register with the state Department of Health and have at least one lab technician who is a certified dental technician or who completes 12 hours of continuing education each year. When the Center for Allied Health Education building is complete in 2021, the program, along with the college’s other allied health programs and community health clinics, will begin teaching in high-tech and much-needed educational facilities.

Seattle Area Pipe Trades Apprenticeship Partnership
Bates Technical College recently joined the Seattle Area Pipe Trades Apprenticeship Partnership to create employment-ready mechanics in the piping industry. Apprentices learn skills in a real work environment while earning money and meeting the needs of employers. Bates Technical College jointly promotes the apprenticeship, provides instructor training, and offers courses that apply toward both the apprenticeship and a certificate or degree. This partnership is projected to yield 239 FTE in the 2019-20 school year.
## KEY FACTS
(Data from 2018-2019 academic year. Reflects headcount unless otherwise noted.)

<table>
<thead>
<tr>
<th>Enrollment</th>
<th>Student Profile — State-Funded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headcount (all sources)</td>
<td>27,706</td>
</tr>
<tr>
<td>FTES (all sources)</td>
<td>12,107</td>
</tr>
<tr>
<td>Headcount (state-funded)</td>
<td>16,120</td>
</tr>
<tr>
<td>FTES (state-funded)</td>
<td>7,620</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Service Area</th>
<th>Bellevue, Issaquah, Mercer Island, Skykomish, Snoqualmie counties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legislative Districts</td>
<td>5, 39, 41, 45, 48</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Highest Enrolled Programs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Administration/Management/Digital Marketing</td>
<td></td>
</tr>
<tr>
<td>Nursing</td>
<td></td>
</tr>
<tr>
<td>Interior Design</td>
<td></td>
</tr>
<tr>
<td>Radiologic Technology/Imaging</td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Student</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic skills</td>
<td>8%</td>
</tr>
<tr>
<td>Other</td>
<td>9%</td>
</tr>
<tr>
<td>Workforce education</td>
<td>44%</td>
</tr>
<tr>
<td>Academic/transfer</td>
<td>39%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race/Ethnicity*</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>7%</td>
</tr>
<tr>
<td>Asian</td>
<td>30%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>13%</td>
</tr>
<tr>
<td>Native American</td>
<td>2%</td>
</tr>
<tr>
<td>Pacific Islander</td>
<td>1%</td>
</tr>
<tr>
<td>Other race</td>
<td>3%</td>
</tr>
<tr>
<td>White/Caucasian</td>
<td>55%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>58%</td>
</tr>
<tr>
<td>Male</td>
<td>42%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Median Age</th>
<th>24</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Family and Finances</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Students receiving need-based financial aid in eligible programs</td>
<td>17%</td>
</tr>
<tr>
<td>Students who work</td>
<td>54%</td>
</tr>
<tr>
<td>Students with children</td>
<td>21%</td>
</tr>
</tbody>
</table>

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

## POINTS OF INTEREST

### VERT: Radiation Therapy in the Virtual World
Bellevue College health sciences programs include a cutting-edge virtual simulator called Virtual Environment Radiation Therapy (VERT) which allows radiation therapy students to practice their skills on virtual patients in a safe (and radiation-free) environment, enhancing students’ comprehension of treatment delivery processes and treatment plans. It allows hands-on learning in a slower paced environment so students can develop the necessary psychomotor skills before they enter a clinic and work at a much faster pace.

### Teaessa Chism Awarded 2019 ACT Faculty Member Award
The Washington State Association of College Trustees (ACT) awarded Teaessa Chism the 2019 ACT Faculty Member Award. Chism, a Bellevue College (BC) senior associate pediatric nursing faculty member, was instrumental in developing an annual service-learning clinical experience called The Ghana Project which introduces BC nursing students to Transcultural Learning Theory, connects them with nursing students in Ghana, and raises funds for other kinds of initiatives that benefit communities in Ghana. Chism was also recognized for her efforts to continually improve processes within the nursing program, arranging demonstrations of cloud-based clinical simulation programs for faculty. As a member of the Special Education Committee at Seattle Children’s Hospital, Chism has been integral in promoting Bellevue College’s participation in student clinical experiences. BC is the only community and technical college granted clinical experiences for students.

### New Student Success Building to Open
The new flagship Student Success Center, prominently located at the main entrance to the Bellevue College main campus, creates an integrated and seamless service experience for students by housing multiple support programs in one state-of-the-art facility. The 69,000 square foot, three story facility mirrors students’ progression through their academic journey. The Welcome Center and Academic Advising are on the first floor. The second floor houses support programs. The third floor is geared toward enrichment, including the Veteran’s program and Center for Career Connections.
At Bellingham Technical College, our goals for our students go beyond graduation. We want our students to go into the workforce trained and ready to start jobs that support industry needs and local economies. Advisory boards of industry representatives inform our programs, and talented faculty with experience in their fields teach our students what they need to know to succeed. We’re proud to have the highest job placement rate of Washington’s two-year public colleges, with 82 percent of BTC graduates employed within nine months of graduating.

BTC offers a variety of advanced manufacturing programs that train students for high-paying, in-demand jobs to support our state’s manufacturing industries, including Welding, Machining, and Process Technology. Our Process Technology program has an 86 percent job placement rate and trains students for jobs overseeing processing and safety in industries such as refining and fuel production, food processing, and water and wastewater treatment.

BTC’s recent Title III Strengthening Institutions Program grant supports BTC employees as they engage in intensive planning and professional development to redesign workforce training pathways. The pathways will increase access to the college’s high-wage, high-demand programs for non-traditional students, including those who have family and work responsibilities outside of school. The college also will provide intensive navigation support services — including personalized student advising, tracking and relationship-building — beginning with enrollment and persisting through graduation. This work will benefit all BTC students, with a focus on serving non-traditional student populations, who are often low-income working adults and/or first-generation students.
Building Tomorrow’s Workforce

Big Bend Community College has completed construction on its brand new 129,000 square foot Workforce Education Center (WEC). The facility is equipped with more than 30,000 square feet of two-story lab space with second floor viewing areas in the labs. The WEC has a 3,000 square foot collaborative lab for community and industry use, individual and communal study areas and has been named a LEED Building by the Green Building Council. The new facility will house the college’s Automotive Technology, Welding Technology, Industrial Systems Technology, and Computer Science programs. Big Bend is about to begin construction on another new building, a 25,000 square foot Aviation Maintenance Technology hangar which should be completed and in use in spring of 2020.

Student Success

Big Bend issued 513 degrees during its 2019 commencement ceremony — including 115 degrees to Running Start students. Also in 2019, 100 percent of BBCC’s nursing program graduates passed the NCLEX-RN licensure exam on their first attempt. The 100 percent pass rate has been achieved by the nursing program during 11 of the last 12 years. In the past five years, more than 750 students have earned their GED® or High School equivalency through the college’s Transitional Studies programs.

Continued Growth

The State Board for Community and Technical Colleges in October 2019 gave BBCC approval to continue moving forward with the development of a Bachelor of Applied Science (BAS) in Applied Management. The applied bachelor’s degree will be the first one offered by the college. The next step will be to bring together faculty to develop a complete program proposal for submission to the State Board in summer 2020. If all goes well, the State Board will approve the proposal in October of 2020 with the Bachelor of Applied Science in Applied Management degree launching in fall 2021.
CASCADIA COLLEGE

18345 Campus Way NE • Bothell, WA 98011 • www.cascadia.edu

President: Eric Murray, PhD, 425-352-8252, emurray@cascadia.edu
Trustees: Roy Captain, chair; Mike Kelly, Janet McDaniel, Dr. Colleen Ponto
Dr. Meghan Quint

KEY FACTS (DATA FROM 2018-2019 ACADEMIC YEAR UNLESS OTHERWISE NOTED)

Year Founded
1994

Service Area
Snohomish County, northwest King County

Legislative Districts
1, 5, 21, 41, 45, 46, 48

Highest Enrolled Programs
- Integrated Studies–DTA*
- Business–DTA/MRP**
- Science Track 2
- Pre-Nursing–DTA/MRP
- Science Track 1
- Engineering–MRP

*Direct Transfer Agreement
**Major Related Program

Enrollment
Hehead (all sources) 5,032
FTES (all sources) 2,749
Headcount (state-funded) 3,474
FTES (state-funded) 1,683

Students in Selected Programs
Applied bachelor’s 32
International 436
Running Start 794
Worker Retraining 54

STUDENT PROFILE — STATE-FUNDED

Type of Student
73% academic/transfer
18% workforce education
8% basic skills
1% other

Attendance
42% full-time
58% part-time

Median Age: 21

Race/Ethnicity*
African American 5%
Asian 22%
Hispanic/Latino 16%
Native American 3%
Pacific Islander 1%
Other race 2%
White/Caucasian 64%

*May not add up to 100% because students may be counted in more than one race.
Percentages calculated on reported value.

Gender
Female 48%
Male 52%

Family and Finances
Students receiving need-based financial aid in eligible programs 17%
Students who work 57%
Students with children 17%

Enrollment
Headcount (all sources) 5,032
FTES (all sources) 2,749
Headcount (state-funded) 3,474
FTES (state-funded) 1,683

Students in Selected Programs
Applied bachelor’s 32
International 436
Running Start 794
Worker Retraining 54

POINTS OF INTEREST

West Garage, Corp Yard,
STEM 4 ... Oh My!

Cascadia College and the University of Washington Bothell are partnering on three major campus projects that involve collaboration among several divisions and the community. The West Garage began construction on a 600-space parking facility with expected completion by the end of summer 2020. The Corp Yard will include a two-story warehouse with loading dock and mailroom. STEM 4 will be the first joint academic building on campus and is gearing up for the pre-design phase in 2020.

Students of Color
Conferences at Cascadia

The Cascadia College Office of Equity and Inclusion is partnering with Lake Washington and Northshore school districts to provide middle and high school students the opportunity to learn from people with backgrounds and experiences similar to their own. The specialized conferences will focus on racial/cultural identity development, leadership skills, civic engagement and personal empowerment.

Transfer Specialist

Cascadia prides itself on being a transfer-focused institution with students completing two years and moving on to finish a bachelor’s degree or higher. National Clearinghouse Data from the 2018-19 school year shows that 36.5 percent of Cascadia transferred to out-of-state institutions while 31.7 percent transferred to the University of Washington system. Transfer students are well prepared and determined to pursue their educational goals.
**KEY FACTS** (DATA FROM 2018-2019 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)

<table>
<thead>
<tr>
<th>Year Founded</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1925</td>
<td>Headcount (all sources) 6,451</td>
</tr>
<tr>
<td></td>
<td>FTES (all sources) 2,643</td>
</tr>
</tbody>
</table>

| Service Area | Headcount (state-funded) 4,146 |
|--------------| FTES (state-funded) 1,900 |

<table>
<thead>
<tr>
<th>Legislative Districts</th>
<th>Students in Selected Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>19, 20, 35</td>
<td>Applied bachelor’s 231</td>
</tr>
<tr>
<td></td>
<td>Apprentices 7</td>
</tr>
<tr>
<td></td>
<td>Corrections 934</td>
</tr>
<tr>
<td></td>
<td>I-BEST 49</td>
</tr>
<tr>
<td></td>
<td>International 25</td>
</tr>
<tr>
<td></td>
<td>Running Start 488</td>
</tr>
<tr>
<td></td>
<td>Worker Retraining 303</td>
</tr>
</tbody>
</table>

**STUDENT PROFILE — STATE-FUNDED**

<table>
<thead>
<tr>
<th>Race/Ethnicity*</th>
<th>Type of Student</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American 2%</td>
<td>6% basic skills</td>
<td>52% full-time</td>
</tr>
<tr>
<td>Asian 3%</td>
<td>28% other</td>
<td>48% part-time</td>
</tr>
<tr>
<td>Hispanic/Latino 17%</td>
<td>45% workforce education</td>
<td></td>
</tr>
<tr>
<td>Native American 5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pacific Islander 1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other race 1%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White/Caucasian 83%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Gender**

| Female | 66% |
| Male   | 34% |

**Median Age:** 27

**Family and Finances**

Students receiving need-based financial aid in eligible programs 49%
Students who work 47%
Students with children 40%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

**POINTS OF INTEREST**

**SWFT Center Project is Underway**

The Southwest Washington Flexible Training Center is a new project for the Centralia College Foundation. Anticipated to be completed in 2020, the project will provide flexible training space for local business and industry, K-12, and college programs for the trades and others. Primary funding for this project was provided by the TransAlta Coal Transition Board with a grant of $1.3 million. This will cover most building expenses. The Centralia College Foundation is now raising the remaining funds for the building and the interior equipment needed.

**Chemistry Program Reveals “The Instrument”**

They call it “The Instrument.” This mildly ominous moniker is fitting for the powerful Nuclear Magnetic Resonance Spectrometer (NMR) that now resides in Centralia College’s chemistry department. This tool allows students to both identify and understand the structure of various molecules — and gives Centralia College students an edge. Students are using the NMR as freshmen and sophomores. Even high school Running Start students use it. This makes graduates highly competitive for upper-level graduate research positions and prepares them for a variety of career fields, including pharmaceutical research and forensic science.

**CC Unveils Mobile Classroom Lab**

Starting in fall 2020, the Centralia College Career and Technical Education Mobile Lab will expose high school students to job skills needed by business and industry. The lab will contain simulators for welding and equipment operation, electrical trainers, and more. This mobile lab will inspire high school students to explore careers in the trades by giving them hands-on exposure to the tools and equipment used, and clearly outline the educational requirements for those careers. The concepts are connected to programs offered at Centralia College, ensuring the path to employment is clear.
Not Just a “Junior College” Anymore

Founded in 1933 as Clark Junior College, today Clark College offers everything from professional certificates to four-year degrees — more than 100 program options in all. The college offers Bachelor of Applied Science degrees in Dental Hygiene, Applied Management and Human Services. A fourth BAS degree, in cybersecurity, is launching in fall 2020. Each of these programs was created with input from local employers to ensure our students are graduating with the skills needed for today’s job market.

At Clark College, Basic Needs are Basic Rights

We understand our students cannot focus on coursework when they are struggling with basic needs. Two years ago, we opened the Penguin Pantry to provide students with free food and hygiene supplies. The college also partnered with the City of Vancouver to provide emergency grants to students at risk of becoming homeless, and the college received a half-million dollar grant to subsidize child care for its student parents. As posters across the campus tell students, “Money shouldn’t stop your education.”

Creating Confident Graduates

Whether it’s performing tracheotomies in our state-of-the-art nursing “sim” lab or designing websites for real-life clients as part of a digital arts course, our students get hands-on learning in programs that emphasize the value of learning by doing. Our Mechatronics lab includes a robotic assembly line that’s a small-scale version of what graduates will see in their future workplaces, while our Pharmacy Technician students work in a simulated pharmacy to develop the skills they need for their jobs. Students in our Dealer Ready Automotive Technology programs start internships at local dealerships as soon as they begin classes. In this way, we make sure our graduates enter the job market with the real-world experience that employers want.
**Student Profile — State-Funded**

**Type of Student**
- Headcount (all sources): 6,688
- FTES (all sources): 4,253

**Attendance**
- Median Age: 30

**Students in Selected Programs**
- Applied bachelor’s: 21
- Apprentices: 43
- I-BEST: 204
- International: 40
- Running Start: 88
- Worker Retraining: 400

**Race/Ethnicity**
- African American: 17%
- Asian: 14%
- Hispanic/Latino: 13%
- Native American: 4%
- Pacific Islander: 4%
- Other race: 1%
- White/Caucasian: 61%

**Gender**
- Female: 65%
- Male: 35%

Co-Op Certificates to Fit Industry Needs

Clover Park Technical College offers a popular 30-credit co-op certificate in mechatronics. Industry-employed students attend classes two days a week and apply what they’ve learned to their role at work the rest of the week. Mechatronics subjects are grouped into two content categories: the generation and transmission of power, and the control of complex systems. No pre-requisites are required. Co-op certificates are appealing to employers because they allow a short-term commitment to upskilling their workforce in only job-relevant skills.

Guided Pathways Success

As a part of CPTC’s Guided Pathways efforts, the college is redesigning programs to ensure students complete college-level math and English their first year. The college is also starting to eliminate the traditional “developmental math” pathway and instead enroll students in college-level math along with a co-requisite course that provides supplemental instruction. This approach helps students keep up with course material and complete college more quickly. These efforts are showing early signs of success as CPTC’s rate of college-level math completion within the first year of college has risen from 16 percent to 27 percent in four years.

Advanced Manufacturing Excellence

In September of 2019, CPTC held the grand opening of its 68,000 square-foot John W. Walstrum Center for Advanced Manufacturing Technologies. The building houses four in-demand programs: Fundamental Skills for Manufacturing and Engineering (FSME), Manufacturing Technologies, Mechatronics, and Nondestructive Testing. The LEED Silver certified building offers expanded space for students, an interactive “fifth lab” space, and an interior bridge crane to meet the needs of the growing and evolving manufacturing industry.
COLUMBIA BASIN COLLEGE

2600 North 20th • Pasco, WA 99301 • www.columbiabasin.edu
President: Rebekah S. Woods, JD, PhD, 509-542-4801, rwoods@columbiabasin.edu
Trustees: David Mitchell, chair; Sherry Armijo, Bill Gordon, Kedrich Jackson, Allyson Page

KEY FACTS (DATA FROM 2018-2019 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)

Year Founded
1955

Service Area
Benton and Franklin counties

Legislative Districts
8, 9, 16

Highest Enrolled Programs
- Associate in Arts and Sciences—Transfer
- Nursing (associate and BSN)
- Early Childhood Education
- Emergency Medical Technician
- Welding
- BAS (Applied Management, Project Management, and Cyber Security)*
- Dental Hygiene
*Bachelor of Applied Science

Enrollment
Headcount (all sources) 11,300
FTES (all sources) 5,938
Headcount (state-funded) 9,509
FTES (state-funded) 4,651

Students in Selected Programs
Applied bachelor’s 526
Apprentices 813
I-BEST 65
International 13
Running Start 1,392
Worker Retraining 829

STUDENT PROFILE — STATE-FUNDED

Type of Student
47% workforce education
43% academic/transfer
1% other

Median Age: 23

Race/Ethnicity*
African American 3%
Asian 4%
Hispanic/Latino 42%
Native American 2%
Pacific Islander 1%
Other race 2%
White/Caucasian 61%

Gender
Female 53%
Male 47%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

Enrollment
Headcount (all sources) 11,300
FTES (all sources) 5,938
Headcount (state-funded) 9,509
FTES (state-funded) 4,651

Family and Finances
Students receiving need-based financial aid in eligible programs 41%
Students who work 13%
Students with children 7%

Attendance
48% full-time
52% part-time

POINTS OF INTEREST

Job Creation and Workforce Responsiveness
Columbia Basin College collaborated with CH2M Hill Plateau Remediation Company to support its “Highway to Hanford” program. CH2M Hill has an aging workforce and company leaders are seeing a gap in critical skills moving forward. To help fill this gap, they worked with CBC to raise awareness of their need for workers — especially in the skilled trades. CBC is working to market opportunities, enhance scholarships, analyze course offerings and educate high school counselors to help move the initiative forward.

Community Partnerships with K-12
CBC is collaborating with secondary schools to develop programs to better prepare students to succeed. We launched a Soar to Success Open Doors re-engagement program. This partnership between local school districts and CBC identifies the best path for high school students to complete their high school diploma or equivalency and transition to their next goal. CBC also developed a program to help prepare local K-12 educators to teach computer science by providing them with upgraded technology, innovative workshops and up-to-date training. CBC is also working with local high school teachers and students to increase awareness of, and interest in, the fields of manufacturing, cybersecurity and agriculture in an effort to increase the number of skilled technicians available to fill high-demand jobs.

Bachelor of Applied Science in Teacher Education Degree
To help fill the void of teaching positions in the local community, CBC launched a Bachelor of Applied Science in Teacher Education (BASTE): Residency Teacher Preparation Program with Early Childhood Education Endorsement. This degree prepares teacher candidates with content and subject knowledge required for teaching in pre-K through 3rd grade classrooms in Washington public schools.
STUDENT PROFILE — STATE-FUNDED

Year Founded
1967

Service Area
Snohomish County

Legislative Districts
1, 21, 32, 38, 44

Highest Enrolled Programs
• Associate in Arts–DTA*
• Associate in Business–DTA
• Associate in Pre-Nursing–DTA
• Associate in Science–DTA (Computer Science and Engineering)
• Associate in Biology–DTA
• Associate in Science–DTA (Materials Science and Engineering)

*Direct Transfer Agreement

Enrollment
Headcount (all sources) 16,843
FTES (all sources) 7,421
Headcount (state-funded) 10,250
FTES (state-funded) 4,303

Students in Selected Programs
Applied bachelor’s 39
Apprentices 7
Corrections 795
I-BEST 160
International 1,646
Running Start 1,289
Worker Retraining 319

STUDENT PROFILE — STATE-FUNDED

Type of Student
6% basic skills
2% other
55% workforce education
37% academic/transfer

Attendance
37% full-time
63% part-time

Race/Ethnicity*
African American 12%
Asian 21%
Hispanic/Latino 17%
Native American 2%
Pacific Islander 2%
White/Caucasian 56%

Gender
Female 60%
Male 40%

Family and Finances
Students receiving need-based financial aid in eligible programs 39%
Students who work 42%
Students with children 32%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

Median Age: 28

POINTS OF INTEREST

Train for a Career in Manufacturing or Aerospace in 12 Weeks
The Washington Aerospace Training and Research (WATR) Center is a manufacturing and aerospace training center managed by Edmonds Community College through an agreement with the Aerospace Futures Alliance. WATR Center provides students the technical and employability skills needed to fill entry level positions in aerospace manufacturing. The center also offers customized training and has trained more than 1,950 incumbent workers. Short-term training has long-term benefits, from tackling the skills gap to driving the industry’s future innovations. Learn more at www.washingtonaerospace.com.

New Science, Engineering, and Technology Building and Triton Court Residence Hall
Edmonds CC plans to meet the region’s increasing demand for highly-skilled employees who are trained in Science, Technology, Engineering and Math (STEM) with the addition of a 70,000 square foot building. The building will open in fall 2020 and be a regional hub for those looking to pursue STEM degrees. Triton Court, also slated to open fall 2020, will offer students a clean, safe and friendly living environment across from the main Edmonds CC campus entrance. This new residence hall will feature units with one to three bedrooms and retail space on the ground floor.

Bachelor of Applied Science Degrees
Edmonds CC is proud to offer its first Bachelor of Applied Science (BAS) degree in Child, Youth, and Family Studies. This new program provides advanced knowledge and skills for professional positions in educational settings for young children and social service programs for youth and families. The degree integrates Early Childhood Education and Social and Human Services in an interdisciplinary program that enhances career opportunities and benefits the wellbeing of children, youth and families. Edmonds CC will also begin offering a BAS degree in Application Development in fall 2020.
Closing the Gender Gap in Aviation

Everett Community College received a grant from the National Science Foundation to lead a coalition of educators to increase the number of women entering the aerospace technician workforce. Participating schools hope to see a 30 percent increase in female students enrolling in career and technical education classes.

Recruiting more women into the historically male-dominated career is also motivated by the demand for skilled aviation maintenance technicians. Partners in the project include The Boeing Company, Delta Airlines, Glasair Aviation, Everett Public Schools, Marysville School District and Mukilteo School District.

New President

In July 2019, EvCC welcomed new president Dr. Daria J. Willis. A strong advocate for student parents, Dr. Willis spoke at an Achieving the Dream briefing in Washington, DC in September about ways colleges can better meet the needs of parents in college and about her own experience as a student parent.

Bringing Education to Students

EvCC is participating in the Casino Road Academy, a multi-agency coalition that provides adult education and early learning programs in south Everett. EvCC partners with Seattle Goodwill and the YMCA to offer five levels of English language classes.

The work is part of the college-wide effort to reach historically under-served students and reflects EvCC’s commitment to diversity and equity.
KEY FACTS (DATA FROM 2018-2019 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)

<table>
<thead>
<tr>
<th>Enrollment</th>
<th>Headcount (all sources) 4,028</th>
<th>FTES (all sources) 2,049</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Area</td>
<td>Grays Harbor, Pacific counties</td>
<td></td>
</tr>
<tr>
<td>Legislative District</td>
<td>19, 24</td>
<td></td>
</tr>
</tbody>
</table>

Students in Selected Programs
- Applied bachelor’s 69
- Apprentices 19
- Corrections 684
- I-BEST 127
- International 12
- Running Start 313
- Worker Retraining 277

STUDENT PROFILE — STATE-FUNDED

Type of Student
- 50% workforce education
- 30% academic/transfer
- 13% basic skills
- 8% other

Race/Ethnicity*
- African American 4%
- Asian 5%
- Hispanic/Latino 19%
- Native American 10%
- Pacific Islander 2%
- Other race 1%
- White/Caucasian 74%

Gender
- Female 62%
- Male 38%

Median Age: 25

Family and Finances
- Students receiving need-based financial aid in eligible programs 58%
- Students who work 42%
- Students with children 32%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

POINTS OF INTEREST

Expanding Automotive Technology Seats to Meet Demand
To meet regional demands in the automotive industry, Grays Harbor College has created an afternoon option for Automotive Technology students. Now, two cohorts totaling 36 students learn in our state-of-the-art lab, working on a wide variety of new, classic, electric, and hybrid vehicles. A generous donor recently approved the purchase of front-end alignment equipment. GHC’s Automotive Technology program has full ASE accreditation with highest distinctions, with updated curriculum that includes battery-powered vehicles and service underwriting.

GHC Helps Reduce Recidivism Rates with New Programs at Stafford Creek Corrections Center
Grays Harbor College now offers two associate in applied science degrees at Stafford Creek Corrections Center. The Associate in Applied Science Degree in Business Management in 2019 celebrated its first graduating class from Stafford Creek, with 18 students earning their degrees. The Associate in Applied Science Degree in Human Services is anticipating a full group of students, who are currently enrolled in pre-requisites for the degree. Grays Harbor College also offers a Construction Trades Preparation Program at Stafford Creek. Recognized by the Washington State Apprenticeship and Training Council, the program is offered by other colleges at Washington’s five other correctional facilities. Together, 88 students have participated in the program since it started in 2017.

First BAS Cohorts Graduate
GHC’s three applied bachelor programs are ideal for working adults, offering convenient evening classes so students can continue their careers and immediately apply the new skills they learn. The BAS-Teacher Education program prepares students to enter the teaching field as a fully certificated teacher in Washington state, with an endorsement in Elementary Education and/or English Language Learners. The BAS-Forest Resource Management program provides pathways to forestry consulting, career advancement in land management, and uses new drone and GIS/GPS technology. The BAS-Organizational Management program explores all aspects of managing a business in the 21st century.
GREEN RIVER COLLEGE

12401 SE 320th Street • Auburn, WA 98092 • www.greenriver.edu
President: Suzanne M. Johnson, PhD, 253-288-3340, sjohnson@greenriver.edu
Trustees: Jackie Boschok, chair; Elaine Chu; Linda Cowan; Sharrone Navas, Arlene Pierini

KEY FACTS (DATA FROM 2018-2019 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)

<table>
<thead>
<tr>
<th>Year Founded</th>
<th>Enrollment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1965</td>
<td>Headcount (all sources) 18,876</td>
<td>FTES (all sources) 9,158</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Service Area</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Southeast King County</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Legislative Districts</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5, 11, 30, 33, 37, 41, 47</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Highest Enrolled Programs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Associate In Arts–DTA*</td>
<td></td>
</tr>
<tr>
<td>• Associate In Business–DTA</td>
<td></td>
</tr>
<tr>
<td>• Information Technology</td>
<td></td>
</tr>
<tr>
<td>• Associate In Science–DTA</td>
<td></td>
</tr>
<tr>
<td>• Business Management</td>
<td></td>
</tr>
<tr>
<td>• Nursing</td>
<td></td>
</tr>
<tr>
<td>• Associate In Science–Engineering</td>
<td></td>
</tr>
<tr>
<td>• Early Childhood Education</td>
<td></td>
</tr>
</tbody>
</table>

*Direct Transfer Agreement

<table>
<thead>
<tr>
<th>Students in Selected Programs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied bachelor’s</td>
<td>602</td>
</tr>
<tr>
<td>Apprentices</td>
<td>9</td>
</tr>
<tr>
<td>I-BEST</td>
<td>121</td>
</tr>
<tr>
<td>International</td>
<td>1,793</td>
</tr>
<tr>
<td>Running Start</td>
<td>2,126</td>
</tr>
<tr>
<td>Worker Retraining</td>
<td>652</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race/Ethnicity*</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>11%</td>
</tr>
<tr>
<td>Asian</td>
<td>18%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>15%</td>
</tr>
<tr>
<td>Native American</td>
<td>4%</td>
</tr>
<tr>
<td>Pacific Islander</td>
<td>2%</td>
</tr>
<tr>
<td>Other race</td>
<td>4%</td>
</tr>
<tr>
<td>White/Caucasian</td>
<td>58%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>50%</td>
</tr>
<tr>
<td>Male</td>
<td>50%</td>
</tr>
</tbody>
</table>

| Type of Student | Attendance | |
|-----------------|------------|
| 1% other        | 43% part-time |
| 42% academic/transfer | 5% full-time |
| 41% workforce education |
| 15% basic skills |

<table>
<thead>
<tr>
<th>STUDENT PROFILE — STATE-FUNDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Race/Ethnicity*</td>
</tr>
<tr>
<td>African American</td>
</tr>
<tr>
<td>Asian</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
</tr>
<tr>
<td>Native American</td>
</tr>
<tr>
<td>Pacific Islander</td>
</tr>
<tr>
<td>Other race</td>
</tr>
<tr>
<td>White/Caucasian</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>50%</td>
</tr>
<tr>
<td>Male</td>
<td>50%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Median Age</th>
<th>24</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Family and Finances</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Students receiving need-based financial aid in eligible programs</td>
<td>34%</td>
</tr>
<tr>
<td>Students who work</td>
<td>49%</td>
</tr>
<tr>
<td>Students with children</td>
<td>28%</td>
</tr>
</tbody>
</table>

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

POINTS OF INTEREST

Training a Global Workforce

Green River works closely with local employers to design curricula for today’s jobs and tomorrow’s careers. Our Bachelor of Applied Science (BAS) in Aeronautical Science prepares students for high-paying, high-growth careers in the aviation industry. Graduates help fill a global need for highly-qualified employees in the airline industry. Students receive hands-on experience and industry certifications thanks to partnerships with area flight schools, airports and airlines.

Innovating for Success

Our Information Technology program breaks down barriers for under-represented students by partnering with area K-12 districts, centers of excellence and local tribes. With a grant from the National Science Foundation, faculty developed College in the High School curriculum, providing students access and support toward a successful career in the field. Our IT program was designated as a National Center of Academic Excellence in Cyber Defense Education jointly sponsored by the National Security Agency (NSA) and the Department of Homeland Security (DHS). Implementing an innovative 2+2+2 framework — two years in high school, an associate degree and completion of an IT BAS — Green River is leveraging resources across systems to educate a diverse workforce.

Sustaining Students with Support Programs

Green River provides specialized services to help all students succeed. Students receive free help in math, public speaking and writing from the Tutoring and Resource Center. The Commencement Achievement Program and Outreach and Service-Learning Center provide opportunities that integrate community service with instruction and reflection to enrich learning, civic responsibility and community connections. Student government opportunities within 50 diverse organizations offer 100 to 150 co-curricular events to help students engage, persist and complete. Through our Open Doors program, Green River partners with the Auburn, Tahoma and Kent Districts to re-engage youth and give them a second chance to finish high school or pursue a degree. Recognized as a military-supportive college, Green River provides financial assistance for veterans through the Veterans Education Transition Fund.
meeting employer and student demand with new applied bachelor's degree

Students combine their passion for visual design, technology and problem-solving with equity-based design in Highline’s new Bachelor of Applied Science in Integrated Design. The degree meets student and employer demand. Students want the four-year degree, which until now, hasn't been available in south King County. And most employers want designers with a bachelor’s degree. The degree includes a focus on diversity and globalism studies, helping future designers understand the world and community for which they design. With more than 70 percent students of color, Highline ranks as the most diverse higher education institution in the state, reflecting the diversity of south King County.

Beyond Campus: Learning in Our Communities

Students often don’t have the time or resources to come to campus for classes. So, Highline offers classes in the communities where students live and work. One such location is the YWCA in White Center, a community 10 miles north of Highline’s main campus. At this location, all students are refugees and immigrants and most are English language learners. Highline offers a number of courses for about 150 students each quarter, including early childhood education classes in several language cohorts, such as Arabic, Somali and Spanish. Many of the students are early childcare providers working toward their state credentials.

Contributing to the Area’s Economic Development

Highline contributes to the economic development of south King County by providing no-cost business training and one-to-one technical assistance for new and existing businesses. Such assistance helps local businesses become sustainable and self-sufficient. In 2018, Highline provided 1,932 hours of service to more than 443 clients and helped launch 35 new businesses, create 69 new jobs and generate $5.061 million in loans and investments. Businesses served report $4.7 million increase in revenue. Highline’s economic development initiatives include the Small Business Development Center and StartZone.

STUDENT PROFILE — STATE-FUNDED

<table>
<thead>
<tr>
<th>Type of Student</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic/transfer</td>
<td>32%</td>
</tr>
<tr>
<td>Workforce education</td>
<td>27%</td>
</tr>
<tr>
<td>Basic skills</td>
<td>39%</td>
</tr>
<tr>
<td>Other</td>
<td>1%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race/Ethnicity*</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>22%</td>
</tr>
<tr>
<td>Asian</td>
<td>21%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>24%</td>
</tr>
<tr>
<td>Native American</td>
<td>2%</td>
</tr>
<tr>
<td>Pacific Islander</td>
<td>2%</td>
</tr>
<tr>
<td>Other race</td>
<td>9%</td>
</tr>
<tr>
<td>White/Caucasian</td>
<td>27%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gender</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>61%</td>
</tr>
<tr>
<td>Male</td>
<td>39%</td>
</tr>
</tbody>
</table>

Median Age: 28

Family and Finances

Students receiving need-based financial aid in eligible programs: 28%
Students who work: 49%
Students with children: 27%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.
**KEY FACTS**

(Data from 2018-2019 academic year. Reflects headcount unless otherwise noted.)

<table>
<thead>
<tr>
<th>Year Founded</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1949</td>
<td>Headcount (all sources) 6,365</td>
</tr>
<tr>
<td></td>
<td>FTES (all sources) 3,399</td>
</tr>
<tr>
<td></td>
<td>Headcount (state-funded) 5,850</td>
</tr>
<tr>
<td></td>
<td>FTES (state-funded) 2,926</td>
</tr>
</tbody>
</table>

**Students in Selected Programs**

- Applied bachelor’s 251
- Apprentices 186
- I-BEST 137
- International 189
- Running Start 183
- Worker Retraining 337

**Race/Ethnicity***

- African American 4%
- Asian 24%
- Hispanic/Latino 13%
- Native American 2%
- Pacific Islander 1%
- Other race 3%
- White/Caucasian 61%

**Gender**

- Female 64%
- Male 36%

**Median Age:** 31

**Family and Finances**

- Students receiving need-based financial aid in eligible programs 36%
- Students who work 35%
- Students with children 27%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

**POINTS OF INTEREST**

**Job Creation**

The National Science Foundation awarded an $800,000 grant to LWTech, Bellevue College, Cascadia College, Edmonds Community College, Green River College, North Seattle College and Renton Technical College to fund the collaborative AppConnect NW project. Each college offers a four-year Bachelor of Applied Science (BAS) degree in Information Technology Application Development. As the lead college, LWTech supports the network of colleges and industry partners to expand recognition of this emerging BAS degree. This collaboration creates a first-of-its-kind professional network that brings together software development faculty and industry leaders from the Washington Technology Industry Association (WTIA) to develop BAS degree standards that meet the needs of this growing workforce.

**Applied Bachelor’s Degrees**

LW Tech offers eight Bachelor’s of Applied Science degrees in Behavioral Healthcare, Dental Hygiene, Design, Digital Gaming and Interactive Media, Early Childhood Education, Information Technology: Computing and Software Development, Public Health, and Transportation Logistics and Supply Chain Management. By providing Applied Bachelor’s degrees, LWTech gives students the opportunity to earn their two-year and four-year degrees all at LWTech; effectively ending terminal degrees and creating pathways to bachelor’s degrees at LWTech or universities.

**New Initiatives with Historic Legislative Support**

With Guided Pathways funding from the Legislature, we are providing students with proven support services by adding more advisors to our Mandatory Advising program. Advising services lead to student retention, program completion, and ultimately jobs for our graduates. We are also adding faculty training opportunities and new technology tools to support these efforts.
Bachelor of Applied Science in Teacher Education (BAS-TE)  Lower Columbia College welcomed its first applied bachelor’s students to campus in fall 2019. Offering both certification and non-certification options, the new Bachelor of Applied Science in Teacher Education degree program helps meet community demand for elementary, pre-kindergarten, and early childhood education teachers.

Support for Regional Workforce Needs  Lower Columbia College (LCC) offers programs to help prepare students for Washington’s most in-demand careers, including Accounting, Administrative Support, Automotive Technology, Business, Commercial Truck Driving, Computer Programming, Diesel/Heavy Equipment Technology and Preventative Maintenance, Early Childhood Education, Elementary Education, Engineering, Fitness Training, Information Technology, Machine Trades, Manufacturing, Medical Assisting, Medical Office Administration and Reception, Nursing and Welding. New certificate programs in 2019 include Engineering Technician, Multicraft Trades, and Production Technician.

Student Success Fund  The LCC Foundation’s Student Success Fund provides a critical source of support to help financially at-risk students stay in school. Administered through the counseling office, small awards from the Student Success Fund can help students pay for things like books and fees, emergency childcare or transportation costs. LCC’s retention rate has notably increased since launching the Student Success Fund and other student success initiatives.

### Race/Ethnicity*
- African American: 3%
- Asian: 5%
- Hispanic/Latino: 16%
- Native American: 5%
- Pacific Islander: 1%
- Other race: 1%
- White/Caucasian: 82%

*May not add up to 100% because students may be counted in more than one race. Percentages calculated on reported value.

### Gender
- Female: 68%
- Male: 32%

### Median Age: 27
Career Connected Washington

In alignment with Governor Inslee’s Career Connect Washington efforts, Olympic College partnered with a wide array of local employers, industry representatives and other colleges to develop an 8,000-hour Associate Controls Specialist apprenticeship program. Siemens Corporation, MacDonald-Miller and other local employers collaborated in developing the program, along with the West Sound STEM Regional Network, Renton Technical College, Clover Park Technical College, South Seattle College and Bates Technical College. Approval was also granted for a 2,000-hour youth apprenticeship program, Controls Programmer, to be offered in the Bremerton, Central Kitsap, Chimacum, Peninsula, South Kitsap and Tacoma school districts.

Olympic College’s Cybersecurity Program Receives National Recognition

In October 2019, OC’s Cybersecurity program received the Circle of Excellence Award from the International Council of Electronic Commerce Consultants (EC-Council). The award program formally highlights academic instructions with lasting impacts on cybersecurity education. OC rolled certification into its Ethical Hacker program, providing $400 towards the $800 cost and removing a barrier to becoming certified for many students. Through our partnership with WWU, graduates of OC’s associate degree program may transfer seamlessly into Western’s Cybersecurity Bachelor of Science program offered locally at our Poulsbo campus.

Olympic College Military and Veteran Programs Fill Funding-Gap for Active Duty Navy Students

On May 21, the Navy Tuition Assistance program announced it did not have enough available funding to provide tuition assistance for the rest of the fiscal year, through Oct. 1. That left 125 OC students using the Navy’s tuition assistance program without the means to pay for classes in fall quarter. To fill this void, OC Military and Veteran Programs offered a temporary grant to affected students. The grant allowed 75 OC students to pay for fall quarter classes and continue their education without interruption. Of those helped, 55 percent were first-generation college students, and 46 percent were underrepresented students, including African Americans (18 percent), and Asian and Pacific Islanders (8 percent).
In response to high community demand, Peninsula College launched a Medical Office Assisting (MOA) Program spring quarter 2019. Students can train for work in medical offices, clinics, hospitals, home health and other healthcare settings on the Olympic Peninsula. Students receive the technology skills they need for medical office employment, including electronic medical billing and coding, bookkeeping and accounting, and charting in-patient records.

In January 2019, PC’s Medical Assisting Program identified numerous unfilled, entry-level health care positions in Clallam and Jefferson counties that MOA graduates could secure. Positions ranged from Centralized Scheduling Representative to Clinical Care Coordinator and Medical Team Navigator.

Peninsula College has joined more than 125 college and university programs nationwide in offering esports, where competitive video game play is a global sport. More than just gaming, esports can help students grow their STEM, media and business interests while developing valuable life skills. PC athletes participate in community service projects and play a significant role in developing young players through camps and in mentorship programs and school clinics at elementary, middle and high schools.

PC’s Science and Culture of the Olympic Peninsula Ecosystem (SCOPE) program emphasizes hands-on learning while exploring the culture and ecology of our mountains, forests and sea. Students follow an interdisciplinary pathway to an AA or AS degree in a learning community combining English Composition, Survey of Biology and History of Reason. This unique program with a local focus explores foundational ideas about the roles that science and culture play in our ecosystem. The courses set the stage for exploration of our cultural and natural history and prepare students for future field experiences and the completion of an independent capstone project.
Pierce College Fort Steilacoom has been named a Rising Star college for the 2019 Aspen Prize for Community College Excellence. This is the nation’s signature recognition of high achievement and performance in community colleges, and places Pierce in the top five community colleges in the nation. We were selected due to our exceptional three-year graduation and transfer rate of 59 percent, nearly 20 percentage points above the national average. The college also stands out due to our progress in closing equity gaps and our strong support programs to help veterans succeed in the classroom and beyond.

Pierce College’s site at Joint Base Lewis-McChord (JBLM) delivers several complete university transfer and professional technical pathways to military-affiliated students, with flexible policies to help them succeed. The site uses open educational resources, which has saved students about $2 million since 2015. Additionally, Pierce College Fort Steilacoom’s Veterans Resource Center assists with housing, jobs, mental health counseling, emergency services and textbooks. We support over 3,100 military-affiliated students between the campuses and Joint Base Lewis-McCord. Pierce College is also a leader in the Veterans Industry Education 25 program, a partnership between local community and technical colleges, state agencies and the armed forces, which offers transitioning service members education to prepare for Washington’s most in-demand industries.

Pierce College now offers five Bachelor of Applied Science degrees: the BAS in Dental Hygiene, the BAS in P-3 Teaching, the BAS in Homeland Security Emergency Management and the two newest offerings: the BAS in Applied Business Management and the BAS in Fire Services Leadership and Management. Each of these applied bachelor’s degrees are an important part of our guided career pathways efforts, designed to prepare students with hands-on experiences and job-related skills for the workplace.
Pierce Nursing Students
Well Prepared To Fill Statewide Shortage of Registered Nurses

Pierce College Puget Sound’s nursing program plays an important role in filling Washington’s statewide shortage of registered nurses. The program has been ranked as one of the top nursing programs in the state, ranked Number 1 by RNCareers.org, and Number 2 by RegisteredNursing.org. Over the past four years, our nursing program has seen an average first-time licensure exam pass rate of 98 percent, allowing students to move into in-demand nursing careers quickly upon graduation.

Pierce College Partners With Bethel School District to Offer Innovative Access to Higher Education

Pierce College continues to increase access to higher education in south Pierce County by offering college courses at Graham-Kapowsin and Spanaway Lake High Schools. Courses are open to everyone, including Running Start and adult students. Graham-Kapowsin courses meet in the evenings to accommodate busy school and work schedules. Courses at Spanaway Lake take place during the day, with a schedule that is conveniently aligned with the high school to provide maximum flexibility for students and community members who live or work nearby.

Guided Pathways Help Raise Graduation Rates

Pierce College is making great strides in breaking down barriers that stand in the way of student success. The college district redesigned the entire student experience from start-to-finish, providing them with the tools and support they need to succeed. Pierce College has adopted Guided Pathways, an evidence-based approach that simplifies career choices, directs students into a comprehensive field of study based on their interests, and keeps students on track through intensive advising, mentoring and integration of milestones that guide their progress. Thanks in part to this work, Pierce College District has seen a 104 percent increase in graduation rates over eight years.
Students Succeed at RTC
RTC meets students where they are and moves them forward to greater opportunity, illustrated by our completion rate of 66 percent and our job placement rate of 85 percent. Equity is at the core of our mission and we are proud to serve a diverse population of students and work to remove barriers to success. Just one example is a collaboration to restructure math courses to better serve as a bridge to college-level courses. That means students can complete their math requirements in less time while being better prepared. The student-run Computer Help and Information Protection Support (CHIPS) will create a laptop loan program thanks to a seed grant from the RealNetworks Foundation.

Career Training Partnerships
Our Mechatronics program partners with Boeing, Amazon and Starbucks to provide real-world training and internship opportunities to help students land high-paying jobs. Health care partners include Valley Medical Center-UW Medicine, Swedish Medical Center and Kaiser Permanente. Welding and machining students are being trained on the latest robotic welding equipment through a gift from a generous donor whose goal is a well-trained workforce to meet industry needs.

A Variety of Paths
In addition to certificate and associate degrees in career training programs, RTC offers Bachelor of Applied Science degrees in Network Architecture and Application Development, transferable credits and degrees, and Running Start. Many graduates transfer to universities, including two recent graduates who went on to study at Harvard and Columbia.
In the four years since North Seattle College launched its Bachelor of Applied Science degree in Early Childhood Education — the first of its kind at a community college — annual enrollments in the program have increased eight-fold and the college is leading the way in providing much-needed professionalization in the early childhood education industry. The program, which is part of a pathway built by the college and includes everything from certificates all the way to articulation agreements to a master’s degree program — meets a regional employer need to find skilled and qualified childcare workers, lead teachers and learning center directors. It enables childcare providers to comply with new requirements that all childcare and family daycare teachers have at least an Initial Certificate, and Head Start and accreditation standards that require lead teachers to hold baccalaureate degrees. Graduates are experiencing increased mobility to higher paying teaching and leadership jobs. A number of graduates have also opened or plan to open their own home-based childcare businesses, addressing the shortage of affordable childcare in the greater Seattle area and creating jobs for other early learning professionals.

North Seattle College was recognized as the number four institution in the nation among associate colleges for sustainability, by the Association for the Advancement of Sustainability in Higher Education. The ranking is measured by the Sustainable Campus Index, and recognizes top-performing colleges and universities in 17 sustainability impact areas.

North Seattle College received a nationally competitive $140,000 grant from the American Association of Community Colleges' Expanding Community College Apprenticeships Initiative. Funded by the US Department of Labor, the initiative expands registered apprenticeship opportunities nationwide. With support from AACC for program management, NSC launched the program in fall 2019 with an apprenticeship with the Iron Workers Local Union #86.
**Academy for Rising Educators**
Seattle Central College and Seattle Public Schools partnered in 2019 to create the Academy for Rising Educators, a new associate of arts degree with a focus on education and social justice that prepares students to become teachers. The aim of the program is to increase the percentage of teachers of color in Washington state — currently, 89 percent of teachers are white. Graduates will have the option to directly transfer into teaching programs at Seattle University and City University, and to work at Seattle Schools as teaching assistants.

**Innovation in Math Education**
Seattle Central College has adopted the Carnegie Foundation’s Math Pathways, with dramatic improvements in student performance in math classes. The approach and curriculum tailor mathematics instruction for students not pursuing a science path, focusing on real-world math skills. In 2013 alone, student completion for the pre-college math sequence in one year surged by 18 percentage points. A Carnegie Foundation analysis of Seattle Central College student performance also found that, on average, 74 percent of students in the program complete the course each year, compared with 17 percent for students in other paths.

**Seattle Maritime Academy**
The Seattle Maritime Academy prepares men and women for successful careers in passenger transportation, fishing and seafood processing, international trade, military operations and other maritime sub-sectors. The academy offers programs in Marine Engineering Technology and Marine Deck Technology, where students learn the basics of ship and equipment design, operations, maintenance and navigation. The academy is equipped with a fleet of commercial ships and a full ship simulator. In addition to student programs, the academy also offers customized training to help develop the workforce at maritime companies and organizations in the region.
Celebrating 50 Years of Accessible Education
South Seattle College was established and started offering classes to surrounding communities in 1969, breaking ground on the first buildings in 1970. Since that time, South expanded its program offerings to meet the needs of community members seeking further education, no matter their starting point. Throughout the 2019-20 academic year, the college is paying tribute to our past with an art gallery retrospective, storytelling opportunities and a community celebration. The campus community is also using this milestone as an opportunity to envision the college’s next 50 years.

Focused on Student Success through Guided Pathways
South Seattle College is undertaking a collective effort to culturally and systematically change the way we interact with students to remove barriers, increase retention and completion, and close achievement gaps. We have recently completed more than 40 program maps that clarify the path to completion for students and provide them insight into career and transfer opportunities. We have also assigned advisors to Areas of Study (metamajors) so they have a focus area to better support students and created new faculty professional development and assessment positions to increase student success in the classroom. New student retention software will help students, advisors and faculty stay connected and increase support opportunities.

Expanding Diesel and Heavy Equipment Training with Waste Management
Waste Management Northwest, Seattle’s provider of garbage, recycling and yard/food waste curbside collection, recently donated two used trucks to South Seattle College’s Diesel and Heavy Equipment Technology program. The donation creates new opportunity for students to learn the ins-and-outs of these high-tech vehicles in preparation for careers servicing large engines that power buses, trucks, construction equipment and ships. With this donation, students have expanded access to current electronic systems, automatic transmission assemblies and controls, compressed natural gas engine configurations, and more to hone their skills.

Enrollment
- Headcount (all sources): 13,920
- FTES (all sources): 5,234
- Headcount (state-funded): 10,123
- FTES (state-funded): 4,030

Students in Selected Programs
- Applied bachelor’s: 96
- Apprentices: 3,798
- I-BEST: 84
- International: 681
- Running Start: 522
- Worker Retraining: 486

Student Profile — State-Funded

Type of Student
- Academic/transfer: 71%
- Workforce education: 20%
- Other: 3%

Race/Ethnicity*
- African American: 15%
- Asian: 19%
- Hispanic/Latino: 9%
- Native American: 3%
- Pacific Islander: 2%
- Other race: 8%
- White/Caucasian: 52%

Gender
- Female: 34%
- Male: 66%

Attendance
- Median Age: 29
- Full-time: 57%
- Part-time: 43%

Family and Finances
- Students receiving need-based financial aid in eligible programs: 27%
- Students who work: 64%
- Students with children: 31%

*May not add up to 100% because students may be counted in more than one race.
Percentages calculated on reported value.
Supporting Students’ Academic and Personal Success

Shoreline Community College has a longstanding reputation for excellence in transfer to the University of Washington and top universities nationwide, with a robust offering of associates in arts, sciences and specialized associate degrees. A new residence hall offers convenient space for 249 students to call home, with scholarship funding to support five formerly homeless students. Through a joint partnership with the United Way of King County, the Benefits Hub connects students with financial and personal resources on and off campus, and operates the campus food pantry. Shoreline supports students with English language, math and/or reading barriers through the I-BEST integrated learning model as well as Adult Basic Education classes. As a leader in Washington for the number of GED®s awarded, Shoreline supports out-of-school youth through the Career Education Options program and Learning Center North (in partnership with the King County Work Training Program).

Premier Training for 21st Century Jobs

Shoreline’s professional-technical programs continue to earn regional and national recognition for stellar curricula, thriving business partnerships, excellent faculty and student success. With a nationally recognized automotive program, Shoreline is one of only six community colleges in the nation to offer innovative Tesla START training, leading the charge to greater sustainability in the automotive industry. The mechatronics program — combining the fields of machine maintenance, electronics and robotics — puts our graduates at the forefront of the job market, while graduates of the biotechnology program gain real-world skills with internships at over 100 local laboratories and organizations.

Commitment to Equity and Inclusion

The college’s strategic plan steering committees continue to support the work of strengthening the college’s commitment to inclusive excellence. A focus on closing opportunity gaps and reducing barriers for student success is shared across campus divisions and departments, and employees participate in annual training that focuses on diversity, equity and inclusion.
SKAGIT VALLEY COLLEGE

2405 East College Way • Mount Vernon, WA 98273 • www.skagit.edu
President: Dr. Thomas Keegan, 360-416-7997, thomas.keegan@skagit.edu
Trustees: Christon Skinner, chair; Kathryn Bennett, Lindsay Fiker, Flora Perez-Lucatero, Megan Scott O’Bryan

Focused on Equity |
Innovations at Skagit Valley College Put Students on the STEM Pathway

Our Strategic Plan Core Themes of Equity in Access, Achievement and Community are at the heart of our work at Skagit Valley College. These themes help the college identify new program innovations and view them with a mindset of equity. Thanks to a $648,000 National Science Foundation grant, SVC’s new Cardinal STEM Scholars Program awards up to $5,700 per year to qualified applicants, including first generation and underrepresented students majoring in science, technology, engineering and math. We are thrilled that the first cohort of 11 Cardinal STEM Scholars began their pathway in fall 2019. SVC is also offering a new pre-engineering transfer degree to support the demand for highly skilled professionals in chemical, industrial, mechanical and civil engineering.

Removing Barriers |
College and Community to Bring Childcare to Campus

SVC is proud to announce it has reached its $2.9 million campaign goal to build an Early Learning Center. The campaign’s success was made possible with the help of community leaders and donors, as well as a Head Start grant, in partnership with the SVC Foundation. The center will include classrooms and learning labs for Early Childhood Education students, and the Childcare Center will be operated by SVC’s Skagit/Islands Head Start program. It is anticipated that 55 childcare slots will be available to students, employees and the community.

Meeting Community Needs |
New Dental Health Aide Therapy Program Supports Tribal Needs

In collaboration with the Swinomish Dental Clinic, SVC will be the first community college in the lower 48 states to offer an associate degree in Dental Health Aide Therapy. The program will prepare graduates to become innovative providers engaging in dental health initiatives and improving access to quality oral health care services for under-served populations, with an emphasis on American Indian/Alaska Native (AIAN) communities. The program is expected to begin in fall 2020.
South Puget Sound Community College

Feeds the Workforce

For students who are ready to get out into the workforce quickly, our technical certificate and degree programs can be the perfect path. Our Workforce Transitions programs provide financial support to help connect students with a path into a high-demand, high-wage career — right here in Thurston County and beyond. These programs can support:

- Professional technical training (over 30 degrees and certificates available).
- Job skills training to gain specific skills needed for employment.
- Pre-college skills (diploma, GED®, basic skills or ESL) to prepare for career training.

Direct Transfer and Articulation Agreements

For students looking to transfer to a four-year college or university and beyond, SPSCC offers Direct Transfer Agreements in many areas to ensure students take the classes needed to move into a four-year program. The Associate in Arts (AA), Associate in Business, Early Childhood Education Associate in Arts, Associate in Pre-Nursing, and Associate in Science (AS) degrees (Tracks 1 and 2) are intended to transfer to four-year universities in Washington. SPSCC graduates also have a direct path to bachelor’s degrees at international universities in France, New Zealand, Ireland and England in areas of anthropology, art, biology, business, history, philosophy and politics. Coming soon, students studying humanities and social sciences will have the chance to transfer to a university in Australia.

Widespread Access to Education

SPSCC maintains a breadth of locations for students to access our outstanding educational opportunities. Aside from the campuses located in the hearts of Olympia and Lacey, the college also provides classes at Yelm High School and the Yelm Extension School, and through online and hybrid courses. Within its four nearby school districts, SPSCC offers classes in 10 disciplines at seven high schools. Online and hybrid courses provide opportunities for students to advance their education and career on their own schedule.
Points of Interest

**Workforce Training**
Builds Bridges from Classroom to Career

Spokane Community College partners with the Community Colleges of Spokane Center for Workforce and Continuing Education to provide industry-driven credit, corporate training and continuing education for local employers and their workers. This paves the way for employers to apply for state programs — like the Job Skills Program and Customized Training Program — that help offset the cost of training and professional development. Recognizing the critical need for a skilled allied health workforce, SCC offers 16 Allied Health programs, nine Health Field Support programs, and seven professional pre-major programs that prepare students to transfer into universities for further study.

**Apprenticeship Program**
Trains Workers in High-Demand Fields

SCC provides 22 apprenticeship programs. The college also partners with the Eastern Washington Apprenticeship Coordinators Council (EWACC) on a number of outreach events, including Pizza, Pop and Power Tools, which has served more than 3,000 eighth grade girls since it began in 2003. SCC’s pre-apprenticeship program — Skills Trade Preparation (STP) — gives students, particularly women and minorities, the basic skills and knowledge to successfully apply for an apprenticeship in the construction trades. STP has been a great success for students and apprenticeship programs alike.

**I-BEST Programs**
Accelerate Learning Success

SCC offers the largest Integrated Basic Education and Skills Training (I-BEST) program in the state. In I-BEST programs, students train for in-demand professions while learning basic skills in reading, writing, math or English language. Each program is designed around the needs of the students and often targets areas where the additional support is most effective. English as a Second Language (ESL) students get a quick on-ramp into I-BEST by learning content-specific skills early, before entering an I-BEST program. This sets the students up for success in I-BEST and puts them on the path to high-wage, high-demand careers sooner. I-BEST is offered throughout SCC’s six-county service area, including Pullman, Colville, Newport and Republic.
CS/IS Programs Train Students for High-Demand Careers

Spokane Falls Community College offers excellent programs in Computer Science and Information Systems (CS/IS), preparing students for careers in our region and across the globe. The computer science degree programs include forensics, network security, information systems, and cyber security. SFCC also offers Bachelor of Applied Science (BAS) degree options in Information Systems and Technology and in Cyber Security. In 2019, the National Security Agency and Department of Homeland Security designated the SFCC cyber security program as a National Center of Academic Excellence in Cyber Defense Education. Opportunities abound for students to get started with the fundamentals and either move into the workforce or transfer for continued education.

Drama and Theater

The drama program at SFCC includes courses in beginning and intermediate acting, stagecraft, theatrical design, introduction to the theater, and rehearsal and performance. Students gain practical experience in these areas that prepares them to pursue a successful career in the theater. The Drama Program is vital to all SFCC students as it offers cultural enrichment and builds a sense of empathy that prepares students to live responsibly in an increasingly global civilization. Many students at SFCC are also members of our club, Bigfoot Drama, which gives them the opportunity to learn more about how theater can serve the changing needs of our diverse community.

Concurrent Enrollment Programs

SFCC provides a variety of dual credit programs for students in grades 9-12. Program options include Career and Technical Education Dual Credit, College in the High School, Gateway to College, Running Start and the Spokane Falls On Track Academy Program. SFCC partners with K-12 school districts to provide dual credit course options both in the high school and on the college campus that align to high school graduation requirements and prepare students to enter a post-secondary degree pathway. Students enrolled in courses experience the rigor of quality college coursework while receiving the necessary support to succeed.
Supporting the Whole Student
Tacoma Community College finds innovative ways to help our busy students stay in school and complete their programs. The Max and Margi Harned Titan Food Pantry, originally started as a class project by two business students, addresses food insecurity on campus. TCC partners with Pierce Transit to offer discounted quarterly bus passes for students. The College Housing Assistance Program, a partnership with the Tacoma Housing Authority which helps students experiencing housing insecurity, was recently named an Excellence in Affordable Housing Innovation Award winner by the Tacoma/Pierce County Affordable Housing Consortium.

Building Learning Communities
Students in TCC’s Learning Communities begin their college experience in cohorts, taking two or more core classes together and developing strong support networks that include their fellow students, peer mentors and professors. Serving more than 400 students per quarter, TCC Learning Communities such as “STARS” and “Research Scholars” allow instructors to work together to create connections between classes and assignments, then explore those connections with students.

Creating a Pathway to Applied Management
Graduates of professional-technical degree programs (Associate of Applied Science degrees) now have access to bachelor-level education with TCC’s new Bachelor of Applied Science (BAS) degree in Applied Management. The program, which launched in fall 2019, is the first of its kind in Pierce County. Created to be open, accessible and equitable for all students, the Applied Management BAS was designed to allow working students to continue their careers while achieving a four-year degree. And the pathway doesn’t stop there. Students who want to go into an MBA program can continue on to Western Governor’s University (WGU).
Student Funded Legacy Project in Clarkston

Students at the Walla Walla Community College Clarkston campus funded a $1.2 million project to remodel roughly 2,100-square-feet of space in the main building. The project will include space for the Student Government Association office, an adviser’s office, a study room, vending space, and an activity center equipped with pool and foosball tables, TVs and a charging station. Outside the building, a 1,500 square foot area will be remodeled into a partly covered patio with seating. This student legacy project is now in the construction phase.

Bachelor of Applied Management and Entrepreneurship

In fall 2019, WWCC launched a Bachelor of Applied Science degree in Applied Management and Entrepreneurship. Graduates from the new program will be well positioned to advance their careers, start their own businesses, purchase franchises, and work in managerial and leadership positions at many types of businesses and organizations. Equipped with a well-prepared workforce, companies in our rural community can grow, generate jobs and boost our region’s economy. WWCC also offers a Bachelor of Applied Science Degree in Agricultural Systems.

Electrical Systems Technology Program

WWCC’s Electrical Systems Technology (EST) program is designed to meet an increased demand for technicians and operators who have robust electrical, mechanical and bio-chemical skills and knowledge. The program begins with one year of concentrated electrical training. The second year students choose a concentration on which to focus. The choices include: Mechanical Electrical Technology, Facilities Energy Management, Renewable Energy Technology, Precision Agriculture and Industrial Mechanics. Since every concentration is designated as “high demand,” students in the EST program qualify for the Washington State Opportunity Grant. In the future, some of the EST courses may become available as I-BEST courses, which offer extra in-class support for students needing assistance in reading, writing and/or math.
Creating Jobs

The State Board for Community and Technical Colleges granted approval for Wenatchee Valley College to offer its third and fourth Bachelor of Applied Science degrees in data analytics and teaching. Pending approval by the Northwest Commission on Colleges and Universities, the BAS-Teaching degree will meet an immediate need for early childhood education teachers and special education teachers in preschool through third grade in WVC's service district. In a WVC survey of local school districts, 87 percent said they have difficulty finding qualified teachers. Of those districts, 79 percent said they currently have up to three unfilled teacher positions, 14 percent have four to six unfilled positions and 7 percent have 11 or more unfilled positions.

New Building

A building to replace Wells Hall on the Wenatchee campus is scheduled for completion by fall of 2021. The $37 million project will replace four of five wings in the 1951-era building. Currently, Wells Hall is the oldest building in the community and technical college system built for college instructional purposes. The new 70,000 square-foot building will be three stories and hold 25 classrooms, multiple WVC departments, a conference center and the Chelan County Emergency Operations Center.

Wildfire Education

WVC Continuing Education, in partnership with Okanogan Conservation District, hosted wildfire boot camp classes for landowners and contractors who wanted to be better prepared for wildfires. Eighty-one Okanogan County residents took the free classes, which included: Beginning Chainsaw Skills and Safety, Managing Your Land for Wildfire and Wildlife (sageland and forest property options) and Fire Ready Home and Landscape. Some of the classes will also be offered in fall 2020. The Legislature was instrumental in securing funding for these educational opportunities after historic wildfire seasons in recent years.
**Undergraduate Research**
Whatcom Community College is creating additional undergraduate research opportunities using an innovative approach called “CURES” — which stands for Course-based Undergraduate Research Experiences. CUREs typically involve cross-course research among a college’s STEM and non-STEM students, and often with other organizations. This benefits a wide range of students, including those who might be inspired by their first experience with STEM studies, and those who might face barriers to getting an independent, competitive research opportunity. CUREs help expand research options for first-generation and underrepresented students.

**Bachelor of Applied Science Degrees**
WCC will offer its second Bachelor of Applied Science (BAS) degree in fall 2020. The BAS in applied business management degree will help meet the workforce needs of small- to medium-sized businesses that make up the majority of Whatcom County employers. The degree builds on WCC’s Associate in Science — Business Administration degree and related associate degrees in hospitality and tourism, accounting and finance. The college’s first BAS degree in IT Networking-Cybersecurity reaffirmed WCC as a national leader in cybersecurity education. WCC is home to the National Cybersecurity Training and Education Center (formerly CyberWatch West).

**Substance Use Disorder Professional**
In 2018, WCC launched a Substance Use Disorder Professional (SUDP) program to respond to the increase in opioid dependency cases, both locally and nationally. The college offers both certificate and degree pathways for students interested in counseling individuals and families with substance use disorders. This degree is designed to meet the educational requirements for students to become certified as a substance use disorder professional in Washington state. WCC is also the designated host of the Area Health Education Center for Western Washington, one of only two such centers in the state.
New Programs: Pre-Pharmacy and Unmanned Aerial Systems

In fall 2019, Yakima Valley College entered valuable partnerships that resulted in two new programs: Pre-Pharmacy and Unmanned (Drone) Aerial Systems. The Pre-Pharmacy program, designed in partnership with WSU’s College of Pharmacy and Pharmaceutical Sciences, prepares advanced biochemistry students to apply for pharmacy school. The drone program, a partnership with Big Bend Community College, offers both a one-year certificate option and a shorter two-credit online class which prepares students for the test for federal licensure. Many industries now rely on drone technology, including media production, emergency response, agriculture and land survey.

One of Ten Colleges Chosen for Caring Campus

In 2019-20, many YVC staff members will receive no-cost training to improve their relationship-building skills and create an even more welcoming environment for students. YVC was one of only 10 colleges nationwide selected for this training by the Institute for Evidence-Based Change, a higher education consultant group from southern California. YVC was chosen for a number of factors, including its relatively rural location, its status as a Hispanic Serving Institution, its ability to generate performance data, and its record of successfully implementing emerging industry practices.

Flourishing Undergraduate Research

In summer 2019, YVC’s Arts and Sciences division again offered students a wealth of paid summer independent research opportunities. There were 19 projects in all, led by faculty mentors, covering research areas as diverse as woodpecker communication strategies, household hazardous waste management, cross-fostered chimpanzees and pesticide residue in wine. These projects put students in contact with valued community partners and employers, including the Yakima Valley Museum, the Washington State Department of Transportation, the US Department of Agriculture, the Washington State Department of Ecology and many more.