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Wayne Martin, Kennewick
Jay Reich, Seattle
Fred Whang, Tacoma
Jan Yoshiwara, SBCTC executive director
Meet Marady Duong

Marady Duong was a model South Seattle College student, graduating in 2016 with degrees in Business and Business Information Technology. A campus leader, she earned the President’s Medal, an award given to an outstanding academic transfer student from each graduating class. She was recognized in 2017 as one of five Transforming Lives Award recipients by the Washington State Association of College Trustees. Marady now attends the University of Washington’s Foster School of Business with dreams of creating her own non-profit for youths.

A long road to higher education

Marady’s road to South started a long way away from Seattle and Washington state. Born in a small rural village in Cambodia that had no running water or electricity, 7-year-old Marady sold cookies door-to-door to buy food and school supplies after her father left the family. Looking for a better education, her family moved to Phnom Penh.

When Marady immigrated to the United States in 2011, she worked more than 70 hours a week at a seafood processing plant and McDonald’s to support herself, her family in the US and family in Cambodia. “After working that unrelenting schedule for over a year, I realized that without an education I would have this kind of career for the rest of my life. So, I decided to attend college,” she said. She started English as a Second Language classes at South a year after immigrating and pre-college classes a year after that.

Supporting students along their way

With scholarship support from the South Seattle College Foundation, Marady began working 30 hours a week instead of 70. She found resources in the Asian Pacific Islander Center (AANAPISI), TRiO, writing and tutoring centers, advising services, and the financial aid office.

Washington’s community and technical colleges offer nearly 374,000 students a wide range of educational opportunities. College faculty and staff believe in the mission of supporting students along their way, creating better jobs, brighter futures and a stronger Washington.

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Promoting student achievement and success

Tuition

Community and technical colleges provide flexible, affordable higher education. At $3,936 per year for a full-time student, tuition remains an excellent value. High school juniors and seniors can get a jump start on college with the Running Start program. In 2016-17, 26,303 high school students took classes at community and technical colleges through Running Start, earning both high school and college credit. The program can trim thousands off the cost of a bachelor’s degree.

$3,936

Full-time resident tuition for an academic year

Earning and using associate degrees

In 2016-17, colleges awarded students 29,607 associate degrees. These degrees lead directly to jobs or satisfy the first two years of a bachelor’s program at a fraction of the cost. The community and technical college system works with Washington’s four-year universities to make transferring a seamless process. Washington transfer students graduate with a bachelor’s degree with a similar number of total credits as those who start at four-year universities as freshmen. Students earn their degrees efficiently, without taking many unnecessary classes, saving time and money.

29,607

Associate degrees awarded in 2016-17

Guided Pathways

Guided Pathways is a research-based approach for students to get through college in a purposeful way. Courses are grouped together to form clear paths through college and into careers, whether students enter those careers directly after graduation or transfer to a university for further study. In addition, students get intensive, targeted advising to choose their path, stay on their path, learn what they need to know, and graduate.

Washington MESA

Mathematics Engineering Science Achievement (MESA) serves students traditionally underrepresented in STEM fields, including African Americans, Native Americans, Hispanic/Latinos, Pacific Islanders and women. Most students are low-income, the first in their families to attend college, and have not been exposed to STEM curricula and career choices. At MESA colleges, STEM students are more likely to persist, transfer to a university and earn a STEM-related bachelor’s degree than their peers pursuing STEM studies at those colleges.

Producing more STEM degrees

An October 2017 Technology Alliance Report found Washington will have 160,000 STEM-related job openings by 2020, but too few graduates with STEM-related certificates and degrees. The report found the demand for STEM talent reaches across economic sectors and careers. Our colleges are positioned to fill this skill gap by preparing students for direct entry into STEM careers or for continuing studies at four-year institutions.

High school/college alignment

Under a landmark agreement reached by two-year and four-year colleges, 11th graders scoring at the college-ready level on the Smarter Balanced Assessment automatically place into college-level math and English classes when they enroll in college, without having to take a placement test like ACCUPLACER. Students who score lower on the assessment have a second chance to catch up in 12th grade with “Bridge to College” classes. These courses, developed by high school and college faculty with assistance from curriculum professionals, address agreed upon essential college and career readiness standards. The course also develops students’ essential habits so they’re ready to be successful in college.
Increasing access to post-secondary education
Educational Value Means Economic Value

A 2016 economic impact study showed community and technical colleges, and their current and former students add $20.5 billion to the state’s economy. This translates to 321,549 jobs and about 5.1 percent of the gross state product. The study also found that for each dollar a student spends on a community or technical college, that student receives a $2.80 return in higher future income. And for every taxpayer dollar the state invests, it gets back $1.70 in tax revenue.

More bachelor’s degrees for Washington

About 20,000 community and technical college students transfer to state four-year public institutions each year. Nearly 40 percent of public bachelor’s degree holders in all fields transferred from a community or technical college to a four-year university. Transfer students graduate from universities in all subjects and comprise 47 percent of all business majors, 46 percent of all health fields and 35 percent of all STEM majors (science, technology, engineering and math). Bachelor’s degree programs also are available on nearly every college campus, through University Centers or other campus-based partnerships with four-year universities. In addition, 26 colleges currently offer applied baccalaureate degrees which build on two-year programs in high-demand areas. Colleges awarded 773 applied baccalaureate degrees in 2016-17, and that number continues to grow.

Transferring without lost credits

Direct Transfer Agreements offer a smooth transfer path for associate degree holders into public and private four-year schools. For students who want to transfer after only one year, the “Washington 45” agreement spells out a list of commonly numbered courses offered by colleges that satisfy one year’s worth (45 credits) of general education requirements at public and many independent universities in Washington.

Employer job training

Through the Customized Training Program and the Job Skills Program, community and technical colleges provide customized, affordable training programs for businesses across the state. Employees can learn at colleges or at a work site, and costs are offset by tax breaks or matching funds.

Professional and technical credentials

Colleges train students for in-demand jobs in communities and growth industries around the state. Colleges engage employers, business associations and labor unions to develop training programs for the state’s career pathway system. Employers are partners, not simply customers, of our system.

Centers of Excellence

Located on our campuses, 10 Centers of Excellence build and sustain Washington’s competitive advantage through statewide leadership. Each center focuses on a targeted industry that drives the state’s economy and is built upon a reputation for fast, flexible, high-quality education and training programs.

Service to veterans

Community and technical colleges are a perfect fit for veterans transitioning to civilian life and private-sector jobs. All 34 colleges award credit for military training, coursework and occupational specialty.

Opportunity Grants

Opportunity Grants help low-income adults train for high-wage careers. The grant covers one year of tuition and helps pay for books, supplies and other expenses, such as child care and transportation. In the 2016-17 academic year, 4,368 students received job training with the help of Opportunity Grants.
Basic Education for Adults

Basic Education for Adults programs teach foundational skills — reading, writing, math, technology and English language — so adults can move through college and into high-demand jobs.

Integrated Basic Education and Skills Training (I-BEST)

I-BEST uses a team-teaching approach to combine college-readiness classes with regular, credit-bearing academic or job training classes. This nationally-recognized teaching approach allows students to work on college-level studies right away, clearing multiple levels with one leap.

Integrated Digital English Acceleration

Funded with a grant from The Bill & Melinda Gates Foundation, I-DEA is transforming instruction for adult English language learners who experience the most difficulty learning English. Teams of college instructors and community-based partners use I-BEST practices to deliver 33 week-long instructional modules both online and face-to-face.

Free or reduced-price textbooks

Students save thousands by accessing free or low-cost materials through the system’s online Open Course Library (OCL) and other openly-licensed classroom resources. While college textbooks frequently cost $200 apiece, OCL materials cost no more than $30 per course. The library includes 81 high-enrollment courses.

High School 21+

Adults who are at least 21-years-old and lack a high school diploma have a new way to get a second chance with “High School 21+,” a competency-based high school diploma offered at community and technical colleges. Advisors review transcripts and knowledge gained from life experience, and work with each student to craft an educational plan to fill gaps. This approach recognizes life skills and competency in addition to classroom time and tests, and opens one more door to federal financial aid.

Corrections Education

Eight colleges partner with prisons to provide education programs to incarcerated individuals to help them the skills to successfully re-enter communities. In the 2016-17 school year, 8,811 students participated in college-offered programs, giving them a fresh chance to thrive upon release while giving communities a safeguard on crime. Taxpayers see a substantial return, seeing up to $18.36 in savings for every dollar invested in these programs.6

Worker Retraining program

Laid-off or dislocated workers turn to Washington’s community and technical colleges to update their job skills and return to the workforce. Colleges provided job retraining for 11,077 workers in 2016-17.

5. Washington State Institute for Public Policy (WSIPP). (Cost-benefit data last updated 2016). Inventory of Evidence-Based and Research-Based programs for Adult Corrections. WSIPP.
6. Economic Modeling Specialists, Inc. (December 2016.)
8. Note: The calculation for students receiving need-based financial aid has been revised to include only those students who were eligible to receive aid rather than all students.
College system key facts

38% Students receiving need-based financial aid in eligible programs

48% full-time System Attendance
52% part-time

27% Students with children

11% basic skills
3% other

1. Headcount (all sources) 373,997
2. Headcount (state-funded) 266,076
3. FTES (all sources) 176,538
4. FTES (state-funded) 130,577

47% workforce education

39% academic/transfer

26 Students’ average age
College system key facts

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

44% male
56% female
Students’ Gender

45% Students who work

58%
58 percent of students enrolled in Washington’s public higher education system are enrolled in community and technical colleges.

Ethnicity*
1. White/Caucasian 60%
2. Hispanic/Latino 17%
3. Asian 12%
4. African American 8%
5. Native American 3%
6. Pacific Islander 1%
7. Other, Multiracial 2%
*Total may not add up to 100% because students may be counted in more than one race.

Amount community and technical colleges, their current students, and former students add annually to Washington’s economy.

43 percent of community and technical college students are students of color

58 percent of students enrolled in Washington’s public higher education system are enrolled in community and technical colleges.

Students in Selected Programs
1. Running Start 26,303
2. International 16,907
3. Apprenticeship 12,347
4. Worker Retraining 11,077
5. Corrections 8,811
6. I-BEST 4,887
7. Applied Bachelor’s 3,024
### Points of Interest

**Industry-specific accreditations**
Bates Technical College has earned industry-specific accreditations for more than 60 percent of the college’s program degrees and certificates. These national/international accreditations support a commitment to highest standards, provide a rigorous and relevant learning experience, and offer top quality hands-on educational environments for students. This investment, in addition to holding regional accreditation with Northwest Commission on Colleges and Universities (NWCCU), demonstrates Bates is committed to continuous improvement and dedicated to supplying the workforce with qualified candidates in transportation, science, technology, engineering and math (STEM), allied health, aerospace and manufacturing, construction, media and other related fields at high school, two-and-four-year college levels.

**I-BEST fuels in-demand careers, living wages**
Bates Technical College offers the largest Integrated Basic Education and Skills Training (I-BEST) program in the state, helping students master essential skill competencies quickly before moving on to the workforce. Bates designed the program to provide basic and related instruction to students enrolled in high-demand degree pathways. Using a team-instruction approach to combine college readiness classes with hands-on and dynamic technical education, Bates offers the I-BEST pathway in a record ten high-wage program areas.

**Anticipated facility for allied health, medical arts and STEM**
Bates Technical College will enter into the design phase for the Medical Mile Health Science Center at the Downtown Campus, with an estimated opening in 2023. The facility will increase student capacity in health care-related programs, and, with several medical organizations within walking distance of campus, is in a prime location. New construction will modernize approximately 70,000 GSF of new space specially designed with state-of-the-art medical arts learning areas. The building will create a cohesive health care, science and technology facility with improved energy performance and sustainability features, similar to the award-winning Advanced Technology Building at Central/Mohler Campus.
**KEY FACTS (DATA FROM 2016-2017 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)**

<table>
<thead>
<tr>
<th><strong>Year Founded</strong></th>
<th>1966</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Service Area</strong></td>
<td>Bellevue, Issaquah, Mercer Island, Skykomish, Snoqualmie</td>
</tr>
<tr>
<td><strong>Legislative Districts</strong></td>
<td>5, 39, 41, 45, 48</td>
</tr>
</tbody>
</table>
| **Highest Enrolled Programs** | - Multiple disciplines for transfer to four-year institutions  
- Business and Accounting  
- Computer Science/Information Technology  
- Engineering  
- Interior Design |

| **Enrollment** | Headcount (all sources) 29,669  
FTES (all sources) 12,405  
Headcount (state-funded) 17,093  
FTES (state-funded) 7,755 |
| **Students in Selected Programs** | Applied Bachelor’s Degree 502  
I-BEST 51  
International Students 2,000  
Running Start 2,542  
Worker Retraining 324 |
| **Purpose for Attending (FTES)** | 47% academic/transfer  
39% workforce education  
6% basic skills  
7% other |
| **Median Age** | 24 |
| **Ethnicity** | African American 7%  
Asian 27%  
Hispanic/Latino 13%  
Native American 2%  
Pacific Islander 1%  
Other, Multiracial 3%  
White/Caucasian 52% |
| **Gender** | Female 56%  
Male 44% |
| **Family and Finances** | Students receiving need-based financial aid in eligible programs 18%  
Students who work 54%  
Students with children 20% |

*May not add up to 100% because students may be counted in more than one race.

**POINTS OF INTEREST**

- **Campus Housing Underway**: Completion of the first Bellevue College on-campus housing is projected for summer 2018, with its first residents moving in by fall quarter 2018. An approximately 132,725 square foot building, it will have 350 beds in 137 units, a mix of studios, 2 bedroom, 2 bedroom/4 bed (double occupancy) and 4 bedroom apartments. The project also includes a main level lounge with a café open to all students on campus and features private study areas and floor lounges. Among its amenities is a multipurpose meeting and conference room that opens onto a deck with a clear view of Courter Field and beyond to Seattle’s identifiable landmarks.

- **Digital Marketing BAS Addresses Demand**: BC’s new BAS in Digital Marketing is a response to the high demand by local employers for marketing professionals with hands-on digital experience. Digital marketing positions are expected to increase 20 percent over the next decade, with many requiring a four-year degree. Graduates of the new program will enter the workforce with a strong foundation in the fundamentals of marketing as well as digital skills in search engine marketing, search engine optimization, display advertising, mobile marketing, online video, social media and website design.

- **Collaboration with Fred Hutch Grows**: The Fred Hutchinson Cancer Research Center has worked with Bellevue College since 2014 to support BC students who wish to pursue careers in the sciences. Every year employees from Fred Hutch serve as guest speakers and mentors in BC’s STEM to Stern program, helping students learn more about scientific careers and stay the course in their STEM studies. This growing collaboration now includes training opportunities for BC faculty, extending the ability of our faculty to incorporate the techniques they’re learning into their classrooms or into their research work with BC students.
BELLINGHAM TECHNICAL COLLEGE

3028 Lindbergh Avenue • Bellingham, WA 98225 • www.btc.edu
President: Dr. Kimberly Perry, 360-752-8333, kperry@btc.edu
Trustees: Jim Cunningham, chair; Debbie Ahl; Jeff Callender; Jim Groves; Lisa Woo

Job Training
Bellingham Technical College (BTC) provides student-centered, high-quality professional-technical education for today’s needs and tomorrow’s opportunities. BTC is considered the go-to institution for relevant, effective education and well-trained employees. Our program advisory committees include representatives from industry, local employers and community members who share what the industry expects from its employees and trends in the workforce, so our training and curriculum reflect what students will face in the real world. Hands-on training means graduates are well-prepared to compete in the job market; 77 percent of BTC students are employed within nine months of graduation.

Engineering and Advanced Manufacturing Degrees
Engineering and advanced manufacturing are two of BTC’s strongest program clusters. BTC’s engineering options include civil, clean energy, composites, electronics, geomatics, and mechanical design, as well as pre-engineering direct transfer degrees for students who want to go on to a four-year university. BTC’s first Bachelor of Applied Science degree in Operations Management began in fall 2016, and we’ll begin offering a BAS in Engineering Technology in fall 2018. Both BAS degrees will add opportunities for our students and regional and statewide employers.

Student Support Programs
BTC has two grant-funded students support programs — STAR and TRIO — that work to provide support for students who are first-generation, academically underprepared, low-income or have a disability. The programs provide peer mentoring and tutoring, personalized advising and special events throughout the year to keep students informed and engaged. Last year, BTC implemented a new predictive analytics model to help identify and better support first-quarter students who may be at risk of not returning to college for a second quarter and beyond. The STAR coaching team piloted this effort by using data to recruit eligible students to participate in the program and to design unique interventions for at-risk students.
Big Bend Community College boasted 505 graduates in its 2017 class. Graduates earned a total of 529 degrees and included 123 Running Start students. BBCC’s Adult Basic Education program saw a 30 percent increase in students earning a high school diploma through the HS21+ program in 2015-16, the most ever. BBCC nursing students achieved a 100-percent pass rate on their first attempt at the national NCLEX board exam for registered nurses in nine of the last 10 years. BBCC’s Commercial Driver’s License program has had a 97 percent success rate since 2004. Big Bend’s 2017 Medical Assistant graduates achieved a 95 percent pass rate on their AMT exams.

Innovative Technologies

The Medical Simulation Associate in Applied Science — Transfer degree prepares students for entry-level employment in simulation laboratories at universities, hospitals, emergency response organizations, and more. Graduates implement simulation scenarios, conduct computerized manikin programming, establish maintenance standards, and promote community engagement. BBCC developed one of the country’s first one-year academic certificate of accomplishments in unmanned aerial system (UAS) operations, and is currently developing associate degrees and certificates of achievement in both UAS operations and mechatronics. Additionally, BBCC offers regular professional training seminars for industry and public entities pursuing Commercial Remote Pilot certificates.

Job Skills Training

Big Bend’s Center for Business & Industry Services (CBIS) offers Job Skills and Customized Training programs grants, workforce training, professional development, and community education. During the past two years, BBCC managed more than $1.76 million in grant funding and other contracted training project revenue. Industries served included automotive, carbon fiber manufacturing, food processing, health care, high-purity chemical production, storage and transportation.
Bachelor of Applied Science in Web Applications
In response to the high demand in our region for employees with coding skills, Cascadia will offer a Bachelor of Applied Science in Web Applications beginning fall quarter 2018. This will be the college’s second four-year degree. In addition, Cascadia has added two associate degrees: a hybrid professional/technical degree in Homeland Security and Emergency Management, and a transfer degree in biology.

Creating Community Partnerships
Cascadia College and University of Washington Bothell spent an intensive year of work on a Campus Master Plan to guide the future development of our co-located campus in Bothell. Cascadia and UW Bothell engaged campus constituents, business leaders, the city, and neighbors to contribute feedback. The master plan establishes a vision to support a combined student FTE of 10,000 at 150 gross square feet per student FTE and additional parking. Both institutions are currently challenged by a shortage of classrooms, administrative and faculty office space, and parking.

Engaging Students in Emerging Careers
Cascadia College was awarded a MentorLinks grant to build on the success of the Environmental Technologies and Sustainable Practices professional-technical degree. The grant money will be used to recruit more women, people of color, veterans, and recent high school graduates, and update curricula to reflect emerging career opportunities and industry certifications or licenses.
Ethnicity*  
African American 2%  
Asian 3%  
Hispanic/Latino 17%  
Native American 5%  
Pacific Islander 1%  
Other, Multiracial 1%  
White/Caucasian 76%  

Gender  
Female 64%  
Male 36%  

Median Age: 27  

Enrollment  
Headcount (all sources) 6,906  
FTES (all sources) 2,664  
Headcount (state-funded) 4,353  
FTES (state-funded) 1,950  

Students in Selected Programs  
Applied Bachelor’s Degree 110  
Corrections 1,480  
I-BEST 70  
International Students 35  
Running Start 432  
Worker Retraining 252  

Purpose for Attending (FTES)  
50% workforce education  
34% academic/transfer  
10% basic skills  
6% other  

Attendance  
53% full-time  
47% part-time  

Median Age: 27  

Family and Finances  
Students receiving need-based financial aid in eligible programs 52%  
Students who work 43%  
Students with children 39%  

Ethnicity*  
African American 2%  
Asian 3%  
Hispanic/Latino 17%  
Native American 5%  
Pacific Islander 1%  
Other, Multiracial 1%  
White/Caucasian 76%  

Gender  
Female 64%  
Male 36%  

* May not add up to 100% because students may be counted in more than one race.
Community Partnerships
Clark College provides a community that helps students discover who they want to be and provides the tools they need to achieve their goals. Working closely with area employers, Clark College has launched several initiatives that are crucial to our region’s economic health. New programs include the Bachelor of Applied Science in Applied Management and new cuisine and baking programs, which reopened this fall in a newly updated facility.

Engaged Learners
Clark students are hands-on, whether working in the lab in the new STEM Building, which opened in the fall of 2016, or taking part in our mechatronics or welding programs. Bringing experiential learning into the classroom is a key focus area of the college to maximize student learning.

Enriched Community
Clark College has one of the highest Running Start program enrollments in the state. Vancouver is a growing city; development is booming and diversity is increasing. Clark College is at the heart of all these changes — from the downtown waterfront to our future location in the northern part of the service district. Clark College students are successful when they graduate, whether they immediately enter the job market or opt to continue their education at one of the many four-year colleges and universities where Clark has transfer agreements.
CLOVER PARK TECHNICAL COLLEGE

4500 Steilacoom Blvd SW • Lakewood, WA 98499 • www.cptc.edu
President: Dr. Joyce Loveday, 253-589-5500, joyce.loveday@ cptc.edu
Trustees: Lua Pritchard, chair; Bruce Lachney; Mark Martinez; Mary Moss; Wayne Withrow

KEY FACTS (DATA FROM 2016-2017 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)

Year Founded
1942

Service Area
Pierce County

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

Highest Enrolled Programs
• Nursing
• Computer Network & Information Systems Security
• Retail Business Management
• Cosmetology
• Aviation Maintenance Technician
• Automotive Collision Technician

Enrollment
Headcount (all sources) 6,851
FTES (all sources) 4,200

Students in Selected Programs
Applied Bachelor’s Degree 15
I-BEST 66
International Students 46
Running Start 89
Worker Retraining 354

STUDENT PROFILE — STATE-FUNDED

Purpose for Attending (FTES)
80% workforce education
7% academic/transfer
5% basic skills
8% other

Attendance
56% full-time
44% part-time

Ethnicity*
African American 16%
Asian 11%
Hispanic/Latino 12%
Native American 3%
Pacific Islander 3%
Other, Multiracial 1%
White/Caucasian 61%

Gender
Female 66%
Male 34%

Median Age: 30

Family and Finances
Students receiving need-based financial aid in eligible programs 47%
Students who work 56%
Students with children 42%

* May not add up to 100% because students may be counted in more than one race.

POINTS OF INTEREST

Economic Impact
According to a recent report, CPTC and its students added $187.9 million in income to the Pierce County economy during the analysis year (2014-15). The college supported 2,803 jobs in the county, and the total income was approximately equal to 1 percent of the county’s total gross regional product. The study also found tremendous rates of return on investment for both students and taxpayers, as the student average annual rate of return is 11.6 percent and the taxpayer average return is 9.2 percent. For every dollar society spent on CPTC during the analysis year, it will receive a cumulative return of $7.70 in benefits. For more information, visit www.cptc.edu/impact.

Center for Advanced Manufacturing
CPTC will soon begin construction on a new Center for Advanced Manufacturing at its Lakewood Campus. When completed, this 62,000-square-foot building will host many of the college’s manufacturing programs, including Mechatronics, Manufacturing, Non-Destructive Testing, Advanced Composites, Engineering Technology and Bachelor of Applied Science in Operations Management. It will be designed to replicate best industrial practices to provide students a fully immersive experience to make them work-ready as quickly as possible. The colocation of CPTC’s manufacturing programs will also allow for potential cross-program training and efficiency, as well as increase the capacity for these programs.

Program Growth & Development
CPTC is always evaluating its program offerings to ensure they provide the most relevant training to support industry needs. This is reflected across the college, including the creation of an interactive “Smart Matching System” pioneered in the Mechatronics program to help ensure students are adequately training to match employers’ desired competencies. The college is also looking into expanding its BAS offerings to provide a more comprehensive learning experience for students.
### Key Facts

**Year Founded**
- 1955

**Service Area**
- Benton and Franklin counties

**Legislative Districts**
- 8, 9, 16

**Highest Enrolled Programs**
- AAS Business Administration
- Nursing
- Emergency Medical Technician (EMT)
- BAS of Applied Management
- Welding

**Enrollment**
- Headcount (all sources): 11,207
- FTES (all sources): 5,738
- Headcount (state-funded): 9,949
- FTES (state-funded): 4,843

**Students in Selected Programs**
- Applied Bachelor’s Degree: 444
- I-BEST: 131
- International Students: 15
- Running Start: 907
- Worker Retraining: 723

**Purpose for Attending (FTES)**
- 0% other
- 12% basic skills
- 41% workforce education
- 47% academic/transfer

**Ethnicity**
- African American: 2%
- Asian: 4%
- Hispanic/Latino: 40%
- Native American: 2%
- Pacific Islander: 0%
- Other, Multiracial: 2%
- White/Caucasian: 52%

**Gender**
- Female: 52%
- Male: 48%

**Median Age:** 24

**Family and Finances**
- Students receiving need-based financial aid: 35%
- Students who work: 11%
- Students with children: 11%

* May not add up to 100% because students may be counted in more than one race.

### Points of Interest

#### Health Sciences Partnership
The CBC Wortman Medical Science Center opened in 2017 thanks to a partnership with Kadlec Regional Medical Science Center. Kadlec donated $3 million toward the construction and is leasing two of the four floors to support medical education. CBC’s partnership with Kadlec has helped increase the number of needed healthcare professionals in our community. The new medical center houses a Kadlec physician residency program to help provide the area with needed doctors for the future. The first floor of the center is a working medical clinic. CBC uses other floors as a training facility for healthcare students in the paramedic, EMT, medical assistant, and fire science fields. The Wortman Medical Science Center is the second of CBC’s health science centers.

#### STEM
The CBC Bechtel National Planetarium celebrated its fifth anniversary of attracting students into STEM careers. In addition to CBC classes, more than 37,000 K-12 students have visited the planetarium to learn about space and science in general. Overall, 97,000 patrons have visited the planetarium in its five-year history through public shows each Friday and Saturday as well as special events. The Robert and Elizabeth Moore Observatory, opened in 2004, is available for viewing the night sky Friday evenings.

#### College Ready
The Pasco School District’s alternative high school, New Horizons, is on the CBC Pasco campus following a $2.5 million retrofit of CBC’s former technology building. Also, CBC’s High School Academy works with school districts to bring dropout students back to school. CBC’s High School 21+ program is now in its third year helping those 21 and over to earn a high school diploma. And CBC’s Running Start program had a record enrollment of nearly 1,100 students. All these programs provide pathways to a college education.
STUDENT PROFILE — STATE-FUNDED

<table>
<thead>
<tr>
<th>Purpose for Attending (FTES)</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>47% academic/transfer</td>
<td>37% full-time</td>
</tr>
<tr>
<td>42% workforce education</td>
<td>63% part-time</td>
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<tr>
<td>10% basic skills</td>
<td>1% other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ethnicity*</th>
<th>Median Age:</th>
<th>27</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American</td>
<td>Family and Finances</td>
<td>9%</td>
</tr>
<tr>
<td>Asian</td>
<td>Students receiving need-based financial aid in eligible programs</td>
<td>21%</td>
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<tr>
<td>Hispanic/Latino</td>
<td>Students who work</td>
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<td>Native American</td>
<td>Students with children</td>
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<tr>
<td>Pacific Islander</td>
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<tr>
<td>Other, Multiracial</td>
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<tr>
<td>White/Caucasian</td>
<td>56%</td>
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<table>
<thead>
<tr>
<th>Gender</th>
<th>* May not add up to 100% because students may be counted in more than one race.</th>
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<tbody>
<tr>
<td>Female</td>
<td>58%</td>
</tr>
<tr>
<td>Male</td>
<td>42%</td>
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</tbody>
</table>

Year Founded
1967

Enrollment
Headcount (all sources) 17,687
FTES (all sources) 7,734

Service Area
Snohomish County

Students in Selected Programs
Corrections 886
I-BEST 171
International Students 2,065
Running Start 1,080
Worker Retraining 386

Students receiving need-based financial aid in eligible programs 35%
Students who work 43%
Students with children 33%

POINTER OF INTEREST

National Leader in Cyber Defense Education
Edmonds CC has been designated a National Center of Academic Excellence in Cyber Defense Education by the National Security Agency and Department of Homeland Security and is certified through the 2022 academic year. Edmonds CC strives to align its cybersecurity curriculum with industry demands to fill a critical workforce shortage of information security professionals. The college offers a certificate in cybersecurity, and an Associate of Technical Arts degree in Information Security and Digital Forensics that articulates to a bachelor’s degree program in Information Systems Security at Western Washington University.

First Bachelor of Applied Science Degree
Edmonds CC is proud to offer its first Bachelor of Applied Science 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.

Strengthening our Commitment to Equity and Inclusion
Edmonds CC is the new home of a $1.1 million center dedicated to serving the diverse needs of the campus community with a focus on ethnically diverse, homeless, female, gay, lesbian and gender-diverse students. The Center for Student Cultural Diversity and Inclusion is the culmination of five years of work by the college’s student government leaders. The new center can accommodate up to 90 students and will serve about 5,000 annually. The college’s commitment to equity and inclusion is also strengthened by the recent creation of an Associate Vice President of Equity and Inclusion position and an Equity and Inclusion department.
**KEY FACTS (DATA FROM 2016-2017 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)**

**Year Founded**
1941

**Service Area**
Snohomish County

**Legislative Districts**
1, 10, 21, 38, 39, 44

**Highest Enrolled Programs**
- General Liberal Arts and Sciences
- Nursing Prerequisites
- Biology/Environmental Science
- Engineering

**Enrollment**
- Headcount (all sources): 18,975
- FTES (all sources): 7,906
- Headcount (state-funded): 10,876
- FTES (state-funded): 5,145

**Students in Selected Programs**
- I-BEST: 149
- International Students: 587
- Running Start: 1,349
- Worker Retraining: 383

**Purpose for Attending (FTES)**
- 46% academic/transfer
- 41% workforce education
- 12% basic skills
- 1% other

**Attendance**
- 44% full-time
- 56% part-time

**Median Age:** 23

**Family and Finances**
- Students receiving need-based financial aid in eligible programs: 23%
- Students who work: 44%
- Students with children: 20%

**Ethnicity***
- African American: 5%
- Asian: 12%
- Hispanic/Latino: 16%
- Native American: 3%
- Pacific Islander: 1%
- Other, Multiracial: 3%
- White/Caucasian: 66%

* May not add up to 100% because students may be counted in more than one race.

**STUDENT PROFILE — STATE-FUNDED**

**Enrollment**
- Headcount (all sources): 18,975
- FTES (all sources): 7,906
- Headcount (state-funded): 10,876
- FTES (state-funded): 5,145

**Students in Selected Programs**
- I-BEST: 149
- International Students: 587
- Running Start: 1,349
- Worker Retraining: 383

**Points of Interest**

**Partnerships with 4-Year Schools**
EvCC, which has earned national recognition for its efforts to help students transfer to four-year schools, has strong partnerships with Washington state colleges and universities.

EvCC is working closely with four-year schools — especially those like Washington State University that offer classes on EvCC’s campus — to map out pathways for students.

With clear transfer pathways to WSU’s engineering and strategic communications programs, EvCC’s enrollment in freshman and sophomore engineering and communications classes has grown.

**Student Housing**
EvCC now offers students the opportunity to live on campus. The college partnered with local developers to build two student housing buildings — the 120-room Mountain View Hall and the 132-bed Cedar Hall.

Staying on campus provides a living environment that supports students’ academic and personal goals. Residence halls are steps away from classes and campus resources, have live-in staff, and offer on-site tutoring.

Western Washington University and WSU students are also able to live in EvCC student housing.

**Advanced Avionics**
EvCC is the first college in the state to offer an advanced avionics program, which trains students to maintain, troubleshoot and repair aircraft electronic systems.

The college created the program after hearing about the need for aircraft electronics technicians from industry. The Boeing Co., Delta Air Lines, Alaska Airlines, Rolls Royce, and regional avionics manufacturers helped develop the program.
Ethnicity*
African American 4%
Asian 5%
Hispanic/Latino 17%
Native American 9%
Pacific Islander 1%
Other, Multiracial 1%
White/Caucasian 70%

Gender
Female 59%
Male 41%

Median Age: 24

Family and Finances
Students receiving need-based financial aid in eligible programs 57%
Students who work 38%
Students with children 31%

* May not add up to 100% because students may be counted in more than one race.

Points of Interest

As of fall 2017, Grays Harbor College has launched three successful Bachelor of Applied Science degree programs. Students in the first cohort of Organizational Management BAS are now in their second year. The faculty member hired for the new Forest Resources Management BAS degree comes from studying forests in the Amazon and Japan to the Rain Forest of our Olympic Peninsula. Also underway is a new Teacher Education BAS, answering a plea from area school districts for well-trained local teachers.

Expansion of our existing one-year certificate in Early Childhood Education into an Associate of Applied Science degree is now being developed. For some GHC students, this offers an excellent career pathway working with children of varying ages. Likewise, an expanded 3 + 1 Associate in Science — Nursing (ASN) Transfer degree is also being developed. Nursing students would be at GHC for three years and then transfer for one year to complete a university’s Bachelor of Science in Nursing (BSN) degree program.

Grays Harbor College’s new Medical Assistant Program is an educational partnership with the Twin Harbors Skills Center, a workforce training consortium supported by 13 area school districts. Enrollment in the two-year Associate of Applied Science program is split between 11 high school seniors and 11 GHC students who are mostly dislocated workers coming back for retraining. The program provides preparation for a wide variety of employment opportunities; previously students would have to commute long distances to find Medical Assistant training. A versatile profession, well-trained Medical Assistants are in high demand in this area.
### 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. The most recent example is our Bachelor of Applied Science (BAS) in Aeronautical Science which prepares students for high-paying, high-growth careers in the global aviation industry. Graduates will contribute to the global need for highly-qualified employees in the airline industry. Program highlights include college partnerships with area flight schools, airports and airlines providing hands-on experience and industry certifications.

**Innovating for Success**
Our Information Technology program is breaking down barriers for under-represented students by partnering with area K-12 districts and state centers of excellence. With a grant from the National Science Foundation, Green River IT faculty developed College in the High School curriculum providing students access and support toward a successful career in information technology. 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 & 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 “iGrad” and Open Doors,” Green River partners with the Kent School District 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.
Increasing the racial and ethnic diversity of the teaching corps is one aim of Highline’s new Bachelor of Applied Science in Teaching and Early Learning. As the state’s most diverse college, Highline is perfectly positioned to help bring more teachers of color into South King County, where students of color make up nearly 70 percent of the population in six neighboring school districts, while teachers of color account for only 15 percent of classroom teachers.

The new degree is designed for those currently working as para-educators, preschool teachers and childcare providers. It prepares candidates for a career in elementary schools or in early childhood education settings, giving them access to more job opportunities and higher wages. It joins Highline’s four other BAS programs in high-demand areas: Cybersecurity and Forensics, Global Trade and Logistics, Respiratory Care, and Youth Development.

Highline is a leading provider of adult basic education (ABE) courses among the state’s two-year colleges and serves the most full-time equivalent students in Western Washington. Statewide during 2016–17, 18,994 FTE students enrolled in ABE courses, with 2,161 — or 11.4 percent — of those at Highline. Highline’s service area is home to many immigrants and refugees who need English language skills to enter or advance in the workforce.

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 achieve sustainability and self-efficiency. In 2016, Highline provided 1,351 hours of service to more than 244 clients and helped launch nine new businesses, create 72 new jobs, and generate $2.6 million in loans and investments. Businesses served report a $1.3 million increase in total revenue. Highline’s economic development initiatives include the Small Business Development Center and StartZone.
Washington’s Only Public Institute of Technology

LWTech is the only public institute of technology in Washington, focusing on Health Care, Technology, Digital Design, Manufacturing and Engineering. LWTech has more applied baccalaureate offerings than any other technical college in the state, and prepares students for careers in 44 fields with more than 100 different degree and certificate options. LWTech’s Workforce mission has led to significant program expansion, establishing itself as a leader in STEM career education, particularly in technology. In the fall of 2017, LWTech, British Columbia Institute of Technology and Oregon Institute of Technology announced their collaboration, as part of the Cascadia Corridor, to provide more opportunities for students from Vancouver, BC, to Oregon.

Grants Support Student Success

Since 2015, LWTech received three grants from the National Science Foundation: a grant providing scholarships to students in technology programs, another supporting our Photonics (laser technology) program, and a third connecting our Bachelor in Applied Science in Software Development to the area’s major technology industry employers. Students also benefit from two TRIO grants, and a Department of Education grant for the Center of Excellence for Veteran Student Success. Additionally, LWTech has also been very successful in leveraging grants from private agencies like College Spark Washington and Achieving the Dream.

Accessibility to Education

Recognizing that its students are real people with individualized strengths and challenges, LWTech offers multiple support services to ensure success of all of its students, including veterans, students with disabilities, English language learners, students from populations not well represented in STEM fields, and those who haven’t previously succeeded in traditional classroom settings. Hands-on teaching and learning is core to the LWTech mission. Faculty employ state-of-the-art, student-centered, inclusive teaching practices.
LOWER COLUMBIA COLLEGE

1600 Maple Street, PO Box 3010 • Longview, WA 98632 • www.lowercolumbia.edu

President: Chris Bailey, JD, 360-442-2101, cbailey@lowercolumbia.edu
Trustees: Robert Gregory, chair; Heidi Heywood, Heather Mansy, George Raiter, Stephen Vincent

KEY FACTS (DATA FROM 2016-2017 ACADEMIC YEAR. REFLECTS HEADCOUNT UNLESS OTHERWISE NOTED.)

Year Founded
1934

Service Area
Cowlitz and Wahkiakum counties

Legislative Districts
19, 20

Highest Enrolled Programs
• Academic Transfer (AA-DTA)
• Nursing
• Business
• Early Childhood Education
• Medical Assisting

Enrollment
Headcount (all sources) 5,877
FTES (all sources) 3,126
Headcount (state-funded) 4,307
FTES (state-funded) 2,460

Students in Selected Programs
I-BEST 245
International Students 26
Running Start 440
Worker Retraining 131

Purpose for Attending (FTES)

Attendance
46% full-time
54% part-time

Ethnicity*
African American 2%
Asian 4%
Hispanic/Latino 14%
Native American 4%
Pacific Islander 1%
Other, Multiracial 1%
White/Caucasian 79%

Gender
Female 64%
Male 36%

Median Age: 26

Family and Finances
Students receiving need-based financial aid in eligible programs 52%
Students who work 37%
Students with children 41%

* May not add up to 100% because students may be counted in more than one race.

POINTS OF INTEREST

Programs for “In Demand” Careers
Lower Columbia College (LCC) offers a number of professional-technical programs to help prepare students for Washington’s most “in demand” careers, including Accounting, Welding, Business Management, Early Childhood Education, Automotive Technology, Computer Programming, Health and Fitness, Machine Trades, Diesel/Heavy Equipment Technology, Medical Billing and Coding, Computer Numerical Control, and Administrative Support.

College Success Fund
The LCC Foundation’s College Success Fund provides a critical source of support in areas where state funding falls short. The fund supports academic programs, faculty and staff grants, innovative learning opportunities, new equipment and technology for labs and classrooms, support services for veterans, special projects and initiatives led by students, Head Start, industrial trades recruitment, capital projects and improvements to college infrastructure, and other priority areas of need.

Regional University Center
Founded in fall 2013, the Lower Columbia Regional University Center — located on the LCC campus — provides a variety of baccalaureate and master’s degree opportunities offered through partner institutions. Students enrolled in programs through the University Center have access to campus resources including the library, computer labs, study areas, food services, counseling, disability and veterans’ services, and gym membership at the regular student rate.
**Outstanding College/Corporate Partnership**

Olympic College and Puget Sound Naval Shipyard & Intermediate Maintenance Facility (PSNS & IMF) collaborate on apprenticeship programs that boost the local economy. Students in the program earn an Associate in Technical Arts (ATA) degree as an Industrial Trades Technician while becoming journeymen in one of 24 trades. In 2015-16, 811 apprentices and 1,354 entry-level employees enrolled in classes. This partnership earned the American Association of Community Colleges Outstanding College/Corporate Partnership award in 2017.

**Olympic College ranked in top 150**

OC is one of the top 150 community colleges in the nation, according to the Aspen Institute, and is eligible to compete for the 2019 Aspen Prize for Community College Excellence. Awarded every two years, the Aspen Prize is the nation’s signature recognition of high achievement and performance in America’s community colleges. OC was selected from a pool of nearly 1,000 public two-year colleges nationwide to compete for the $1 million grand prize. The college has made the top 150 in each of the past three cycles, reaching the top 10 in 2015.

**Driving the Economy**

A recent study indicates that OC added $412.4 million to Kitsap and Mason county economies during 2014-15. The report highlights return on investment for students, taxpayers and society. For every $1 spent by students, they gain $3.10 in increased earnings. Taxpayers gain $3 in added state revenue and social savings, while society gains $8.90 through added taxes and public sector savings for every dollar invested in the college. The report found that 90 percent of OC graduates remain in the service area, positively influencing the economy. Economic Modeling Specialists, Inc. conducted the study, The Economic Impact of Olympic College, as part of a statewide effort to measure the impact of community and technical colleges.
Local, Family Wage Job Creation

A Port Angeles employer was recently awarded a major Navy contract and received a significant grant to ramp up its workforce over the next five years. Aluminum welding is the primary job supported in the allocation and PC, a partner in the grant, has expanded its welding program to include aluminum welding courses. Upon completion of the class, students are eligible to test for American Welding Society certification. Once certified, they begin work with a local maritime employer.

Named In Top 200 of Colleges for Native Students

The American Indian Science and Engineering Society listed Peninsula College as a 2016 Top 200 College for Native Americans in its annual Special College Issue in November 2017. PC was one of only two community colleges chosen for the distinction in Washington state. Criteria for selection included the quality and size of the college’s Native American support community and the number of degrees awarded. Between 2012-14, an average of 4.6 percent of PC degrees went to Native students. Forty percent of Native students at PC graduate within six years.

Our House of Learning (Longhouse) is celebrating its tenth anniversary this year. Numerous events are planned to celebrate this milestone, as we honor our partnership with local tribes.

State of the Art Allied Health & Early Childhood Development Building

May 2017 marked the grand opening of our 41,650-square-foot Allied Health and Early Childhood Development Center. The structure includes facilities for all healthcare programs as well as childcare and flexible rooms for in-demand programs. “Learning spaces that mimic earning spaces,” including fully functioning exam rooms and remotely controlled patients are just some of the innovations on the healthcare side of the house. With thoughtfully designed environments and learning opportunities at every turn for our families, the new Early Childhood Development Center is a sensory experience for children and adults alike.
Close the Gap 2020  Pierce College is making great strides in closing the achievement gaps of its students. The college launched a top-to-bottom, institution-wide drive toward equity and re-engineered the entire student experience. Students are now required to attend orientation and enroll in a mandatory college success class. As a result of these efforts, Pierce College received the second-highest honor an American community college can receive: Achieving the Dream’s Leah Meyer Austin Award.

Bachelor of Applied Science Degrees  Pierce now offers three Bachelor of Applied Science degrees, the BAS-DH in Dental Hygiene, the BAS-T in P-3 Teaching, and the BAS-HSEM in Homeland Security Emergency Management. These degrees further enhance our ability to serve the needs of our communities.

Focused on Employee Learning  Pierce’s Center for Engagement and Learning helps build faculty and staff knowledge around student engagement and completion by increasing access to cohesive professional development, and fostering effective communication strategies and systems between all college employees. Pierce College reframed professional development as Employee Learning and Development, to better align with our mission statement. The college is now more focused than ever on developing quality learning and development opportunities that meet both institutional and employee needs. Employees are more engaged in their own learning and better able to connect their role to our mission of student success.
Now Offering College Courses in Graham

Pierce College is responding to a need for higher education in the 2nd Legislative District by offering college courses at Graham-Kapowsin High School. Courses are for students seeking a professional-technical degree or who plan to complete an associate degree and transfer to a four-year institution. Courses meet twice a week in the early evenings to accommodate busy school and work schedules. We continue to work with the Bethel School District to meet the emerging higher education needs throughout the community.

Collaborating to Serve Local Workforce

Pierce College District is part of Invista Performance Solutions, which is comprised of a partnership between four Pierce County community and technical colleges. Invista provides customized solutions to meet local organizations’ training and development needs, empowering their workforce to achieve its potential. Serving about 25 clients per year, the department provides training in leadership and management, industrial and technical skills, process improvement, customer service, communication skills, team building, and project management.

Enhancing Student Success

College Spark Washington and the Washington State Board for Community and Technical Colleges selected Pierce College as one of five colleges in the state to receive a Guided Pathways implementation grant totaling $500,000 over five years. Guided Pathways is an evidence-based approach that simplifies career choices, directs students into a comprehensive program of study based on their interests, and keeps the student on their pathway through extensive advising, mentoring, and integration of milestones that guide their progress.
POUNTS OF INTEREST

Focusing on Job Training  Renton Technical College offers professional certificates, associate degrees, and bachelor of applied science degrees in high-demand fields, such as information technology, aerospace, health and human services, business, advanced manufacturing, culinary arts, and transportation technology. Two new programs, a Bachelor of Applied Science in Computer Network Architecture (starting spring 2018) and a Mechatronics associate degree, will prepare students for high-paying jobs. One of the priority activities in our recently approved 2017-2022 Strategic Plan is to invest in new programs based on labor market demands and student needs.

What We Offer  Renton Technical College offers many distinctive programs including:
- One of the few anesthesiology technologist programs in the nation.
- One of only four band instrument repair programs in the country.
- The state’s only Ford ASSET program, which trains students to work as professional automotive technicians.
- The only nationally accredited Veterinary Assistant program in the state.
- Rigorous and topical transfer courses like Religion and Culture and Cross Cultural Medicine.
- A deepened commitment to creating an inclusive community for our diverse student population and a new mission, vision and values statement to back it up.

Recognition and Awards  Renton Technical College was named a Top 10 community college by the Aspen Institute in 2015, a Top 150 School in 2017 and 2019, and was ranked 8th in the country by the Washington Monthly in 2017. The RTC Board of Trustees won the first-ever Phi Theta Kappa Hallmark Award, recognizing the board’s “strong and continuous support for student success.” RTC also is an Achieving the Dream (ATD) Leader College and received a two-year grant from ATD to increase adjunct faculty engagement on campus. RTC graduates have an estimated job placement rate of 85 percent.
New Bachelor’s Degree in Property Management

North Seattle College is poised to become the nation’s only community college to offer a Bachelor of Applied Science degree in Residential and Commercial Property Management. This new degree will launch fall quarter 2018 and meet a huge regional need for trained property managers, especially urgent with the Seattle region’s enormous building boom. The new program will be one of just a dozen baccalaureate-level property management programs in the country. There are none currently in Washington, and the nearest programs are in Anchorage and Salt Lake City. Demand for baccalaureate-level property managers is very high in Seattle and continues to climb. The new program brings North’s BAS degree offerings to four and joins already established bachelor’s in Application Development, Early Childhood Education and International Business.

Innovative Program Partnerships

In response to industry demand for skilled technicians, North Seattle College has joined efforts with Shoreline Community College to offer applied training in the emerging, rapidly growing field of mechatronics. Mechatronics is an interdisciplinary field combining learning from multiple engineering domains. The mechatronics pathway provides training in mechanics, electronics, robotics, programmable logic controls, information technology, hydraulics/pneumatics, preventative maintenance and machine tool operation. By pairing robust, established programs in Electronics at North and Machine Maintenance and Manufacturing at Shoreline, students in the program benefit from multiple program entry and exit points, flexible scheduling, and an expanded team of faculty with extensive experience and links to industry.

New I-BEST Programs

In 2018, North Seattle College will introduce two new I-BEST programs in Information Technology and Electronics and Robotics. The programs are part of North’s I-BEST offering for ESL and adult basic education students interested in job training classes.
Purpose for Attending
(STUDENT PROFILE — STATE-FUNDED)

<table>
<thead>
<tr>
<th>FTES (state-funded)</th>
<th>Headcount (state-funded)</th>
<th>FTES (all sources)</th>
<th>Headcount (all sources)</th>
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<tbody>
<tr>
<td>4,989</td>
<td>10,551</td>
<td>7,159</td>
<td>15,704</td>
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Students in Selected Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Count</th>
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</thead>
<tbody>
<tr>
<td>Applied Bachelor’s Degree</td>
<td>199</td>
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<tr>
<td>I-BEST</td>
<td>98</td>
</tr>
<tr>
<td>International Students</td>
<td>2,176</td>
</tr>
<tr>
<td>Running Start</td>
<td>504</td>
</tr>
<tr>
<td>Worker Retraining</td>
<td>477</td>
</tr>
</tbody>
</table>

Ethnicity*

- African American: 20%
- Asian: 23%
- Hispanic/Latino: 12%
- Native American: 2%
- Pacific Islander: 1%
- Other, Multiracial: 4%
- White/Caucasian: 44%

Gender

- Female: 58%
- Male: 42%

* May not add up to 100% because students may be counted in more than one race.

Median Age: 27

Family and Finances

- Students receiving need-based financial aid in eligible programs: 33%
- Students who work: 44%
- Students with children: 17%

Enrollment

- Headcount (all sources): 15,704
- FTES (all sources): 7,159
- Headcount (state-funded): 10,551
- FTES (state-funded): 4,989

SVI provides short-term training

For three decades, Seattle Vocational Institute (SVI), a division of Seattle Central, has been helping low-income residents of the community move up the economic ladder. With short-term training and certifications designed to meet the needs of the local economy, SVI offers training programs that can be completed in six months in high-demand fields such as healthcare, construction and technology. Graduates can gain the skills to fill living wage jobs with area businesses, which benefit from the additional perspectives that come with a more diverse workforce.

The Northwest’s premier graphic design program

Seattle Central’s Graphic Design program has a strong tradition of training students for positions that pay excellent, family-wage salaries. To ensure they learn relevant skills valued by industry, the program develops its courses and curricula in concert with accomplished graphic designers in the community. Upon graduation, students have the expertise to produce mobile applications, create stunning print and digital designs, and more. This makes them sought after by area companies and organizations, including The Boeing Company, Amazon, Alaska Airlines, Eddie Bauer, Microsoft, Nintendo, Starbucks, Nordstrom and many others.

Broadening participation in STEM careers

Seattle Central provides accessible opportunities for all students to pursue STEM majors and careers. The MESA (Math Engineering Science Achievement) and Ready! Set! Transfer! STEM Academy programs help historically underrepresented students successfully transfer to four-year colleges and universities both in Washington state and across the country. Students are also supported with faculty mentors, undergraduate research experiences, internship opportunities and scholarships. A new program in IT Networking allows students to earn a Bachelor of Applied Science degree at Seattle Central, training them to fill crucial industry roles as network and computer systems administrators and analysts.
Celebrating 10 Years of the 13th Year Promise Scholarship

South Seattle College welcomed a record-breaking 150 13th Year Promise Scholarship students to campus for fall quarter 2017, the largest incoming class in the program’s 10-year history. With a goal to increase equitable access to higher education, the scholarship program currently guarantees every graduate from three local high schools a tuition-free first year at South; with plans to expand to a fourth high school in 2018. Traditionally funded by donations to the college foundation, the City of Seattle joined in supporting the program in 2017-2018 with funding to help expand the scholarship program to South’s sister colleges, Seattle Central College and North Seattle College.

Completion Coaches: Creating a Roadmap to Graduation

South Seattle College is implementing “Guided Pathways” to student success by simplifying college program navigation, bolstering student support and providing clear pathways to careers and future education. Completion Coaches bring students a hands-on approach to completion advising on campus, encouraging students to reach their goals and graduate on time. Completion Coaches partner with students navigating academic, financial and personal challenges; including assistance with graduation and academic transfer planning, college and scholarship applications and referrals to campus and community resources. As of June 2017, Completion Coaches have served nearly 560 students and helped 260 graduates complete their degrees.

Cascade Hall Opens to Basic and Transitional Studies and Nursing Students

South Seattle College’s 57,550 sq. ft. Cascade Hall opened fall quarter 2017 to serve our ESL, high school completion, adult basic education and nursing/healthcare students, and provide staff and faculty office space. The modern facility is three stories and includes four acres of onsite pedestrian, vehicular and utility improvements, including an expansion of the campus core and common area. Located on the campus’s western embankment, the building improves the college’s visibility and identity along the 16th Ave SW corridor.
Transfer Programs
Shoreline Community College has a longstanding reputation for excellence in transfer to the University of Washington and other top universities nationwide, with a robust offering of associates in arts, sciences, and specialized associate degrees. Shoreline ranks among the top five colleges in the state for the number of certificates and degrees completed.

Professional-Technical Programs
Shoreline professional-technical programs continue to earn regional and national recognition for stellar curricula, thriving business partnerships, excellent faculty, and graduate career success. The college received two National Science Foundation grants — one in Clean Energy Technology to enhance its curriculum and expedite graduates’ placement into jobs, and one in Immuno-Biotechnology to establish shared teaching materials with other colleges and high schools. The Biotechnology program was selected as the site for the Northwest Regional Center for BioLink, an NSF initiative to educate and train technicians for entry-level biotech careers in research, development, and biomanufacturing. In the automotive field, the Toyota T-TEN training program has received top ratings from Toyota Motor Sales USA and the General Service Technician program is now an official pilot school of Subaru University. The CNC machinist program, accredited by the National Institute for Metalworking Skills, puts our graduates at the forefront of the job market, while graduates of the Health Information Technology program receive national certification.

College Ready Programs
With one of the largest I-BEST programs in the state, Shoreline supports students with English language, math, and/or reading barriers. As a leader in Washington for the number of GEDs awarded, Shoreline supports out-of-school youth through Learning Center North (in partnership with the King County Work Training Program) and the Career Education Options program. The college also has nationally recognized veterans’ services, which support veteran students’ success.
The Pathways Project: New SVC Strategies Lead to Increased Retention

With student achievement strategies developed through participation in The Pathways Project, SVC is seeing strong improvements in retention. Among these initiatives, First Quarter Experience (FQE) is a mandatory two-credit class for new degree-seeking students, designed to help them develop an academic plan, life/career plan, financial plan, college navigation skills, and meaningful engagement with peers, faculty, and staff. Students who completed FQE had an 82 percent quarter-to-quarter retention rate, compared to a historical 74 percent retention rate prior to FQE implementation. SVC is one of only 30 colleges nationwide — and only three from Washington — to participate in The Pathways Project.

Marine Technology: Meeting the Needs of Industry

As one of its strategic priorities, SVC aligns workforce education programs with regional and state economic development strategies, advancing the state’s economy through education. The college’s Marine Technology Center in Anacortes hosts a two-year degree covering propulsion, systems, composites, and hydraulics. It also offers American Boat and Yacht Council industry training and certification testing, as well as Cruiser’s College to meet training needs of boating enthusiasts. SVC’s partnership with area high schools in the Northwest Career and Technical Academy opens these opportunities to both college and high school students.

Cardinal Craft Brewing Earns Industry Honors

SVC’s Cardinal Craft Brewing earned full Master Brewers Recognition from the Master Brewers Association of the Americas. To be considered, the program was reviewed by an MBAA team of professionals. In addition, Cardinal Craft Brewing’s Smoked Scotch Ale won a Silver Medal at the 5th Annual Washington Beer Awards®. More than 1,207 beers were entered in the competition representing 165 Washington breweries. To be considered for the competition, the beers must have been brewed and made commercially available in Washington. Entries were evaluated in a blind format by panels of trained beer judges who awarded gold, silver and bronze placements.
Points of Interest

Start Here, Transfer Anywhere
For students planning to transfer to a four-year college or university, SPSCC offers Direct Transfer Agreements in many areas of interest to ensure students take the classes needed to move seamlessly into a four-year program. These include Associate of Arts (AA), Associate of Business, Associate of Elementary Education, Associate in Pre-Nursing, and Associate of Science (AS) degrees (Option 1 & 2). SPSCC also offers several articulation agreements that allow students to transfer to international universities. Transfer programs include business, art, anthropology, history, and politics at universities in London, France, New Zealand and Ireland.

A Wise, Affordable Choice
Along with tuition that is a fraction of the cost of 4-year colleges — and students receiving nearly $10 million in financial assistance in the 2015-2016 academic year — the SPSCC Foundation works to fill need gaps. Last year, the South Puget Sound Community College Foundation awarded more than $500,000 in scholarships plus emergency grants and other financial support to SPSCC students.

SPSCC as an Economic Driver
SPSCC works closely with economic development partners to build economic prosperity in the region. Thanks to a partnership with several governmental and private partners who are all working to bring brewing back to Thurston County, SPSCC will launch the nation’s first Associate of Applied Science Degree in Craft Brewing, Distilling and Cider Making in spring 2018.
Workforce Training Builds Bridges from Classroom to Career
SCC 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 allows area employers to apply for state Job Skills Program grants and the Customized Training Program to assist them with 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 preparing students for university transfer into a health-related professions.

Apprenticeship Program Trains Workers in High-Demand Fields
We provide 22 apprenticeship programs. We partner with Eastern Washington Apprenticeship Coordinators Council (EWACC) on a number of outreach events including Pizza Pop & Power Tools, which has served more than 3,000 eighth-grade girls since it began in 2003. SCC offers a pre-apprenticeship program, Skills Trade Preparation (STP), which gives applicants, particularly women and minorities, the basic skills and knowledge to be successful applicants in construction apprenticeship programs. STP has been a great success for students and apprenticeship programs.

I-BEST Programs Accelerate Learning Success
SCC offers the largest Integrated Basic Education and Skills Training (I-BEST) program in the state. I-BEST programs vary in delivery model to best meet the needs of students with a goal of accelerated success and completion. Each program is designed around student needs and often targets areas where additional support is most effective. On-ramp programs give ESL students the opportunity to engage in high-wage, high-demand pathways sooner by providing the opportunity to increase content-specific skills prior to enrolling in I-BEST. I-BEST is offered throughout the six-county service delivery area served by CCS including programs in Pullman, Colville, Newport and Republic.
### Employer Engagement Program

The Workforce Education Office at Spokane Falls Community College (SFCC) partners with the Spokane Area Workforce Development Council to provide mentorships, internships, work experience, assistance finding work study opportunities, workshops, career coaching, tutoring, career assessment testing and other services designed to promote student success in completing their academic endeavors and gaining self-sufficient employment.

### STEM Education Leaders

SFCC supports numerous opportunities in STEM and health-related fields. The college offers high-quality two-year programs in Physical Therapy Assistant, Occupational Therapy Assistant, Orthotics and Prosthetics and Information Technology. For students pursuing baccalaureate degrees, SFCC offers mathematics through differential equations, science through organic chemistry, engineering physics and biology. In addition, we offer computer science and engineering courses supporting major pathways, so that SFCC effectively offers the first two years of essentially all baccalaureate pathways in STEM.

### Music and Recording Arts

Music and recording arts at SFCC is a valued part of our students’ academic and artistic experience. It is a vibrant home to the performing arts within the community and region. Our distinguished music faculty members are invested in the artistic development and academic success of every student. We offer an associate of fine arts in music for students looking to transfer into a four-year music program. Private instrumental and/or voice lessons, numerous ensemble options, and a wide-range of academic courses build a strong musical foundation and successful transfer to a four-year school. We also have an associate of applied science in audio engineering, one of the few in the region, which prepares students for jobs in digital audio production, analog and digital recording, live sound engineering, sound design and as technicians in the broadcast and audio-visual industries.

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### Points of Interest

**Year Founded**
- 1967

**Service Area**
- Ferry, Lincoln, Pend Oreille, Spokane, Stevens, and Whitman counties

**Legislative Districts**
- 3, 4, 6, 7, 9

**Highest Enrolled Programs**
- Associate of Arts for transfer to a 4-year university
- Associate in Business
- Associate in Pre-Nursing
- Associate of Science in Social Services
- Associate of Arts in Biology

**Enrollment**
- Headcount (all sources): 8,582
- FTES (all sources): 4,810
- Headcount (state-funded): 7,242
- FTES (state-funded): 4,043

**Students in Selected Programs**
- Applied Bachelor’s Degree: 64
- I-BEST: 125
- International Students: 267
- Running Start: 836
- Worker Retraining: 78

**STUDENT PROFILE — STATE-FUNDED**

**Purpose for Attending (FTES)**
- 0% basic skills
- 28% workforce education
- 70% academic/transfer

**Attendance**
- 2% other
- 30% part-time
- 70% full-time

**Ethnicity**
- African American: 5%
- Asian: 4%
- Hispanic/Latino: 7%
- Native American: 3%
- Pacific Islander: 1%
- Other, Multiracial: 0%
- White/Caucasian: 81%

**Gender**
- Female: 57%
- Male: 43%

**Family and Finances**
- Students receiving need-based financial aid in eligible programs: 73%
- Students who work: 51%
- Students with children: 13%

**Median Age:**
- 22

* May not add up to 100% because students may be counted in more than one race.

**Enrollment**
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- FTES (all sources): 4,810
- Headcount (state-funded): 7,242
- FTES (state-funded): 4,043

**Students in Selected Programs**
- Applied Bachelor’s Degree: 64
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Creating Career Advancement Opportunities: New Community Health BAS

TCC provides associate degree and certificate-level training for many of the South Sound’s radiologists, sonographers, nurses, and respiratory therapists. Starting fall 2018, these professionals will have the opportunity to advance their careers with the Community Health Bachelor of Applied Science (BAS).

Designed to fit the needs of working professionals, the mostly-online BAS starts with a basic core of community-health related courses. From there, numerous pathways allow students to advance in their specialties and meet specific career goals.

This degree is a win-win for our community, providing advancement opportunities for healthcare providers while bringing a community health focus to care in the South Sound.

New Fitness Center

TCC’s new Wellness Center, which opened spring 2017, includes a new state-of-the-art Fitness Center. Featuring all-new equipment housed in a bright, expanded space, it’s free to all students.

Finding Textbook-Free Classes

Recognized as a national leader in Open Educational Resource (OER) development, TCC has saved students more than $3 million on textbooks since launching its OER program in 2011. Starting winter 2017, OER classes are designated in the class schedule, making it easier for students to find classes that don’t require the purchase of a textbook.
Workforce and Business Development Center Launch

Walla Walla Community College’s Clarkston Campus expanded both its campus and program offerings with the opening of the new 15,000 sq. ft. Workforce and Business Development Center in September 2017. Working with area stakeholders and industry partners, the center was designed to offer certificates and degrees in programs that lead to high-demand, high-skill, family-wage jobs in the region, including Welding and Industrial Maintenance, with Precision Machining to be added in the near future. Space is also provided for area entrepreneurs to collaborate on the development of their endeavors.

2+2 Articulations with WSU

Walla Walla Community College has established 15 articulation agreements with the Washington State University’s (WSU) College of Agricultural, Human & Natural Resource Sciences (CAHNRS). WWCC collaborates with WSU CAHNRS to support students in completing two years at WWCC then transferring seamlessly to WSU to earn a bachelor’s degree. Instructors at each institution have mapped out classes needed to complete a 2+2 agreement. Course alignment between each college allows students to experience small class sizes and hands-on learning at both institutions. Faculty and staff work with students from day one to ensure a smooth transition and successful completion.

Corrections Education

Walla Walla Community College’s Corrections Education programs at the Washington State Penitentiary and Coyote Ridge Corrections Center continue to flourish with even greater results achieved using the Guided Pathways model to lead students from advising through completion. Based on continued and proven success, in 2017 the Washington State Legislature approved AAAS transfer degrees in Business, Welding, and Energy Systems-HVAC. WWCC works closely with dedicated industry partners to promote employability of graduates into living wage jobs following their release.
Job Creation
Wenatchee Valley College launched two four-year degrees in fall 2017: a registered nurse to Bachelor of Science in Nursing (RN to BSN) and a Bachelor of Applied Science-Engineering Technology. The one year (full-time) RN to BSN program has 22 students, and eight students are enrolled in engineering technology. Between the two programs, two full-time directors were hired, as well as two part-time instructors. The RN to BSN program has industry partnerships with most major medical facilities in the region, including Confluence Health, Columbia Valley Community Health, Lake Chelan Community Hospital and Cascade Medical Center. There are over two dozen members of the healthcare community on the MA and nursing programs advisory committee. In the engineering technology program, advisory committee members include representatives from Chelan PUD, Pacific Aerospace, Van Doren Sales and Emerson.

Support for Learning
Wenatchee Valley College was selected as one of six Washington community and technical colleges to receive a $125,000 Washington State MESA Community College Expansion grant. The MESA Community College program recruits 100 underrepresented and minority students to pursue science, technology, engineering and math (STEM) majors and provides an on-campus center, tutoring, workshops, internship placement and other academic support.

The Admission Guarantee (TAG)
After a successful pilot year, Wenatchee Valley College expanded its admissions guarantee offer to a total of six high schools. The program automatically admits high school seniors from Wenatchee, Chelan, Cashmere, Waterville, Bridgeport and WestSide high schools to WVC for the 2017-18 school year. TAG helps remove barriers to higher education and helps families navigate the college admissions process.
National Leader in Cybersecurity Education
WCC is a National Center of Academic Excellence in Information Assurance in 2-Year Education and the lead institution of CyberWatch West. With $6.4 million in National Science Foundation grants, WCC leads a nationwide expansion of cybersecurity education. The college has a new Bachelor of Applied Science (BAS) degree in IT Networking. The four-year degree builds upon current Computer Information Systems pathways for the program’s 200-plus students. These include an associate in applied science transfer degree in cybersecurity that articulates to a bachelor degree program at Western Washington University and that will align to the University of Washington. The courses are mapped to National Security Agency cybersecurity knowledge units. The BAS degree will be available online beginning fall 2018, thereby expanding capacity locally and nationwide.

Health Professions Education Leadership
WCC is developing three new programs to prepare 85 students annually for emerging health care careers. The work is funded by three grants from SBCTC. One grant addresses demand for certified nursing assistants with training in acute care, behavioral health, aging populations and medical terminology. The second creates a fast-track, 15-credit chemical dependency professional certificate to meet demand for licensed mental health professionals trained in chemical dependency. The third grant modernizes WCC’s medical assisting program to address emergent workforce needs such as patient navigation. WCC is also the new Area Health Education Center for Western Washington, working to improve health care quality and access for rural and medically underserved communities.

Award-Winning Approach to Student Success
WCC students’ continued success rates led to Whatcom’s fourth consecutive Aspen Prize nomination as one of the top 150 community colleges in the nation. A combination of innovative technology and human connection helps WCC students achieve goals. Students and advisors use software to plan courses, monitor progress, pinpoint student interests and access important resources. In addition, the college was recently awarded $1.3 million by the U.S. Department of Education to help 300 local low-income, first-generation high school students prepare for and achieve college success over the next five years.
Bachelor of Applied Science in Teacher Education

In fall 2018, YVC will offer a new Bachelor of Applied Science in Teacher Education degree. The college planned the teacher preparation program in response to evidence of a shortage of qualified teachers in Yakima County. It’s designed for individuals with 90 or more college-level credits from a regionally accredited college, providing content and subject knowledge required in PreK-8 classrooms while integrating in-depth residency experience. Candidates may earn endorsements in Elementary Education (K-8), Early Childhood Education (P-3) and English Language Learners (K-12).

Building Community Partnerships

Yakima Valley College partners with the Washington Winegrowers Association and Wenatchee Valley College to offer the Latino Agriculture Education Program (LAEP) for Viticulture. The program provides students with 190 hours of classroom instruction on how to manage vineyards and grow wine grapes, combining writing, computer, math and language skills. YVC is currently in the process of developing a second LAEP, offered in the spring of 2018, to provide training in cellar production. Another successful partnership brought YVC together with Impact Washington and CubCrafters, a Yakima-based small airplane manufacturer, to offer professional development training to incumbent workers. The training focused on the LEAN manufacturing strategy and made use of SBCTC Job Skills Program (JSP) grant. The original goal was to accommodate 47 employees, but a total of 115 employees were able to participate in the training.

Pathway Advising

YVC is a system leader in development of guided pathways, organizing its degrees and programs within six academic pathways: Arts and Humanities, Business, Healthcare, Social Sciences and Education, STEM, and Exploratory. The college now enters its third year of academic advising delivered through these six pathways, which are intended to help students connect their interests and abilities to majors and/or professions supported by YVC’s curriculum offerings.