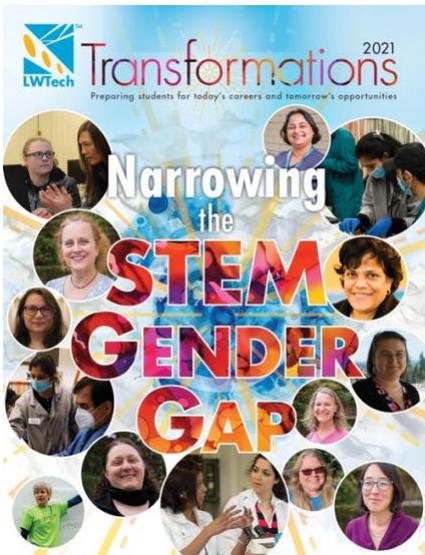




# LWTech's 2021 Transformations Magazine

**Preparing students for today's careers and tomorrow's opportunities**

**Narrowing the STEM Gender Gap**



*(Above) Cover of LWTech's 2021 Transformations Magazine. The issue title is: Narrowing the STEM Gender Gap. Image includes a burst-from the center that forms frames of circles with pictures of female STEM faculty in them. Find out who they are on page 13!*

## LWTech at a Glance

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## About LWTech

LWTech offers 10 applied bachelor's degrees, 44 associate degrees, and 93 professional certificates in 43 areas of study, including STEM-focused programs in Science, Technology, Engineering and Math.

## Mission

To prepare students for today's careers and tomorrow's opportunities.

## Core Values

Inclusive: We intentionally create a welcoming environment where all feel a sense of belonging.

Innovative: We are leaders in maximizing opportunities to create a thriving college community.

Collaborative: We are open to change and work together to achieve success for all.

Respectful: We engage others with acceptance, open mindedness, courtesy, and care.

## Message from the Office of Equity, Diversity, and Inclusion



*(Above) Robert Britten, LWTech Executive Director of Equity, Diversity and Inclusion*

In the fall of 2020, LWTech was pleased to welcome the college's first Executive Director of Equity, Diversity and Inclusion (EDI), Robert Britten. Robert leads the college's EDI work, fully supported by the president, Board of Trustees, members of Executive Cabinet, and the college community.

Greetings from the Office of Equity, Diversity, and Inclusion.

Being the first Executive Director in this role is a great honor, one that I could never take lightly and one from which I will continue to learn, adapt and grow as we take active steps to embrace and evolve in our awareness of diversity, equity and inclusion. Our differences not only make us stronger but more resilient as a community. I pledge to continue to listen, hear and be culturally responsive as our actions speak to who we are as individuals and as an institution.

I will not always “get it right” but that is my intent. “Equity work is heart work,” and it is from this vantage point that I connect to the work ahead of us, and it drives what we do to make our college more reflective of who our students are and how we serve them.

This moment in history has provided us with an opportunity at LWTech to look inward and decide where, and how, we will emphasize, prioritize and improve diversity, equity, and inclusion for all our students, staff and faculty where all can thrive.

I look forward to creating open doors to equity that reflect all of our gifts.

Humbly,

Robert Britten

## **Message from the President**



*(Above) Dr. Amy M. Morrison, LWTech President*

Welcome to the 2021 edition of Transformations magazine!

COVID-19 continues to devastate families and businesses across our state, and it almost immediately impacted our state’s economy. As one of the state’s five technical colleges, and the only public institute of technology, we are prepared to retrain our neighbors who have been displaced by the pandemic. While it may take some time before we know the complete impact the pandemic will have on our state’s economy, I want you to know that we are ready to help in the economic recovery efforts by educating and retraining Washington’s workforce through our Industry-driven certificates, associate’s and applied bachelor degree programs.

Lake Washington Institute of Technology’s (LWTech) programs are positioned to adjust to a changing marketplace. They are innovative, accessible, and flexible, and they are designed in partnership with Industry, to directly respond and support Industry need and demand. It’s because of these partnerships that our graduates are fully prepared to hit the ground running in their chosen career path.

For more than 70 years we have been committed to training students to be successful in their careers. While some may still think about LWTech as a vocational college, we’re so much more. We’ve grown exponentially to become a STEM-focused, career-connected college that offers 10

applied bachelor's degrees, 44 associate degrees and 93 professional certificates, in 43 areas of study, including programs in Science, Technology, Engineering, and Math.

In fact, our STEM program graduates are prepared to successfully transfer to colleges and universities. You'll read more about that in the following pages. Additionally, our trades programs, like Machining Technology, also have a STEM focus, with graduates going on into engineering fields.

Our students are successful because of their hard work and perseverance, and because of our dedicated faculty and staff. They're also successful because of the support we receive from Industry, and you, our neighbors and community. I hope as you read the following pages, that you'll feel just as inspired as we do each day, as we see our students succeed and thrive.

I want you to know that just as you have been here for us, we are here for you. If you or a family member needs to retrain after being laid off, or you want to update your credentials, we can help.

With Appreciation,

Amy M. Morrison

## Innovation in the Time of COVID

### Keeping the Focus on Students During COVID-19



*(Above) Erika Gursli, Student, LWTech Architectural Technology program.*

In February 2020, LWTech was the first college in the country impacted by COVID-19. Named “Campus Zero” by the Chronicle of Higher Education, LWTech had about a three week start before the rest of the country’s colleges and universities started to feel the impact of the pandemic on their campuses.

LWTech quickly moved classes and college operations online, and the LWTech Foundation immediately began raising funds for students directly impacted by the pandemic, through generous donations (including a \$25,000 matching student emergency fund led by longtime donors James Kinsella and Robert McNeal).

Faculty creatively and strategically redesigned courses so students could transition to online classes as seamlessly as possible, and the college procured hundreds of laptops, tablets, web cameras and other technology. The college also added WiFi in the campus parking lot for students to continue in their classes if they didn’t have internet access at home.

When LWTech began offering limited face-to-face instruction in the summer of 2020 (and for the remainder of 2020) there were no disruptions due to the pandemic because of the strict protocols the college had in place, and continues to enforce.

“As difficult as it has been to push through and continue with all the insanity and uncertainty of everything, I’m thankful I have,” said Erika Gursli, a student in the Architectural Technology program. “Having the opportunity to keep moving forward with classes, in a way, is like laughing in the face of the very thing that’s tried to derail or stall us in what we’re all trying to accomplish with our lives.”

Keeping students on track in their courses while keeping them, faculty, and staff safe, remains the number one priority.

### **Thank you LWTech Foundation & Community!**

This past year, through generous donations, the LWTech Foundation assisted students during the early days of the COVID-19 pandemic—that included awarding 54 laptop scholarships to

ensure students had the technology necessary to be successful for online learning during remote college operations. Every student who applied for a laptop received a laptop.

The Foundation provides hardworking and highly motivated students with scholarships and emergency financial assistance, enabling them to pursue their academic and career goals.

*Longtime generous donors, James Kinsella and Robert McNeal, stepped up to provide a matching challenge grant of \$25,000 to set up a special student emergency fund to support students. More than \$70,000 was raised in just a few weeks.*

## **Retraining the Workforce**

### **Preparing the Workforce for Economic Recovery**

COVID-19 has been devastating to families and businesses across our state, almost immediately impacting our state's economy. Community and technical colleges are at the core of economic recovery. While the state looks toward economic recovery, laid-off workers are preparing to retrain and members of the workforce are updating their skills.

"I'm so proud of how our community and technical colleges have adapted to keep students on track during the COVID-19 pandemic," said Washington state Governor Jay Inslee. "Colleges like Lake Washington Institute of Technology have been incredibly innovative and flexible. I saw this firsthand when I visited the college. It's more important than ever that Washingtonians have the training they need to strengthen our workforce, as we work toward our state's economic recovery."

Jayne Heyde, Assistant Director of LWTech's Workforce Development department, comments "We've seen a dramatic increase in students who have been laid-off since the pandemic began. Many are upgrading their current skills to be a more competitive job seeker, while others are training for new careers altogether." She adds, "We're seeing a high demand for training in IT and Healthcare."

LWTech's programs are designed to train students for the workforce. With short certificates that can be completed in one or two quarters, long certificates that can be completed in a year, associate's degrees, or applied bachelor's degrees, LWTech, in partnership with Industry, continues to play a vital part in the state's economic recovery.

Heyde continues, "This is a great time to assess the tools in your career toolbox. Just like we make sure we have all the tools needed when we are going to build or enhance a project, we need to make sure we have the tools needed to be ready for the new labor market."

**For information on LWTech's Workforce Development department, visit [LWTech.edu/WFD](https://www.lwtech.edu/WFD)**



*(Above) Jay Inslee, Governor of Washington state. Photo taken pre-COVID.*

*“Colleges like Lake Washington Institute of Technology have been incredibly innovative and flexible. I saw this firsthand when I visited the college. It’s more important than ever that Washingtonians have the training they need to strengthen our workforce, as we work toward our state’s economic recovery.”*

*–Governor, Jay Inslee*

## Industry Partnerships

### Emerging Programs Train Students for High-Demand Careers

In Washington state, manufacturing is approximately a \$130 billion industry, with more than 7,000 manufacturing firms currently in operation, says Dr. Hany Roufael, Electrical and Telecommunications Engineer and Instructor at LWTech. Collaboration with Industry is invaluable in creating programs that meet the needs of employers. Two emerging programs that were designed in collaboration with representatives from Industry are LWTech's Biomedical Device Assembler Certificate and the Laser and Optical Technology Associate Degree program (launching in fall 2021). LWTech is the only college in Washington that offers both programs.

LWTech works with a diverse group of stakeholders including representatives of local manufacturing partners such as Lockheed Martin Corporation, Synrad (A Noventa company), Olympus, Stryker, Fujifilm Sonosite, and Microsoft, as well as national laboratories such as Lawrence Livermore National Laboratory (LLNL), Jet Propulsion Lab (JPL), and others.

Matt Twitchell, Sr. Director of Operations at Stryker, has served as an Industry partner on LWTech's Biomedical Industry Panel and recently joined as the Vice-Chair of the newly formed Biomedical Device Technology Advisory Committee. As a contributing participant, he has had the opportunity to share the needs of Industry, and help shape the curriculum of the Biomedical Device Assembler program.

Seeing opportunity in the Biomedical Device Assembler Industry, student Fikralem Gebremedhim chose LWTech, because he could get technical skills and hands-on experience at the same time. He knew he could earn his certificate and get right to work. Gebremedhim spent nine years working in electronics and computers in Ethiopia. When he started job hunting last spring, he continually saw jobs in the biomedical device field come up in his searches. "The course content and knowing that I could earn a certificate in two quarters, use the skills I learned quickly, get a job, and make a difference in the biomedical field was something I wanted to do."

Roufael has been working with representatives from the Photonics and Biomedical Device industries for several years to create both programs.

Similar to the Biomedical Device Assembler certificate, the Laser and Optical Technology Associate degree program will train students with technical, hands-on learning to prepare them for working in the high-demand field of Photonics—which is the technology of generating and harnessing light and other forms of radiant energy. The program will teach students cutting-edge uses of lasers, optics, fiber-optics and electro-optical devices in numerous and diverse fields of technology.

As part of the Laser and Optical Technology program, students will have the opportunity to earn seven certificates: Photonics Technician, Laser System Repair, Laser Manufacturing, Optoelectronics, Fiber Optic, Imaging and R. Sensing, and Lighting and Illumination.

With in-depth instruction, focused hands-on training in light and optics principles, photonics enabled systems applications and troubleshooting, maintenance, safety precautions, clean-room regulations, and reporting preparations, graduates will be prepared to immediately enter the Photonics field.

“Employers have positions open, yet struggle to find skilled labor. Photonics, for example, is one of the fields where they have trouble filling open positions. The demand for technicians in these fields is at an all-time high, with a projected growth rate of between five-percent and nine-percent. Starting salaries for an entry-level position are higher than the national average,” said Roufael.

The collaborative partnership between Industry and LWTech will continue to create a direct funnel of well-trained students into the workforce. When asked about why it’s important for Industry to engage and be involved with program development at LWTech, Twitchell commented, “Education and Industry partnership is the bedrock of success and longevity.”

**For information about the Biomedical Device Assembler and Laser and Optical Technology Programs visit [LWTech.edu/Lasers](http://LWTech.edu/Lasers)**

*“Education and Industry partnership is the bedrock of success and longevity”*

*–Sr. Director of Operations at Stryker, Matt Twitchell*



*(Above) Sr. Director of Operations at Stryker, Matt Twitchell*

*“...knowing that I could earn a certificate in two quarters, use the skills I learned quickly, get a job, and make a difference in the biomedical field was something I wanted to do.”*

*–Fikralem Gebremedhim, Biomedical Device Assembler student*



*(Above) Biomedical Device Assembler students, Fikralem Gebremedhim (L), and Nathan Suss (R), set up a laser experiment.*

## Success in STEM

### Narrowing the Gender Gap in STEM Fields



*(Above) Stephanie Bostwick, Engineering, Physics and Math Professor (R), with a student.*



*(Above) Dr. Narayani Choudhury, Math Professor*



*(Above) Dr. Amber Wyman, Anatomy and Physiology Professor*



*(Above) Dean, Dr. Aparna Sen, Health Sciences (L) works with a student.*



*(Above) Michelle Judy, Math Professor*

Gender and racial representation in STEM classrooms is pivotal in creating a diverse STEM workforce.

According to [GirlsPursuingScience.com](https://www.girlspursuingscience.com),\* “In 2012, white women earned 6,777 Ph.D. degrees in STEM fields. On the other hand, white men earned 8,478 Ph.D. degrees. For African American women, that number dwindles to 684—10 times fewer scientific doctorates than their white counterparts. With only 3.5% of STEM bachelor degrees, Latina women face an even larger obstacle.”\* This trend continues, and according to a 2019 report from the National Science Foundation, the share of science and engineering research doctorates held by women “was 41% versus their 51.5% of the population and 47% of the labor force.”\*\* As with their African American and Latina women counterparts, the National Science Foundation’s data shows American Indians or Alaska Natives as well as Native Hawaiians or Other Pacific Islanders are still vastly underrepresented in STEM fields.\*\*\* Furthermore, the 2019 NSF report notes that almost 70% of scientists and engineers employed full time are white.

The U.S. Department of Commerce Economics and Statistics Administration\*\* reported, “Women fill close to half of all jobs in the U.S. economy, but they hold less than 25% of STEM jobs.” The report also states, “There are many possible factors contributing to the discrepancy of women and men in STEM jobs, including: a lack of female role models, gender stereotyping, and less family-friendly flexibility in the STEM fields.”

Removing gender and racial gaps in STEM fields begins in the classroom. Students Angela Lee and Amanda King have seen this modeled by LWTech instructors and administrators like Dr. Amber Wyman, Michelle Judy, Stephanie Bostwick, Dr. Narayani Choudhury, and Dean Dr. Aparna Sen, as together, they work to narrow the gender and racial gaps in STEM fields, one student and one class at a time.

Computer Science-DTA student Angela Lee has found it helps to have instructors who've had similar experiences in STEM. Similarly, recent LWTech Biology-DTA graduate Amanda King is looking forward to beginning her Bachelor's program in General Sciences after her gap year. "Once I started seeing the gender gap in STEM, having female instructors encouraged me to keep going. I had someone teaching me that I was able to relate to, and if they were that successful, I could see myself in their shoes, being successful too."

Roughly 50% of LWTech's STEM faculty identify as women. Not only are LWTech's female instructors providing essential skills in a hands-on learning environment, but they're also serving as role models and mentors to female STEM students.

Math Instructor Michelle Judy says she was encouraged by a female teacher in elementary school. "I was really fortunate that I had a teacher from fourth to sixth grade who was amazing and encouraged girls in math class. I'm carrying that forward."

Dr. Narayani Choudhury, who has an interdisciplinary Ph.D. in Math, Physics, and Computer Science, contributed to a key discovery on a new state of water, in collaboration with Oak Ridge National Lab, while teaching at LWTech. Health Sciences Dean, Dr. Aparna Sen said, "My students saw me as a role model, and I loved guiding them in this field," Sen previously taught at LWTech before becoming Dean. She holds a Ph.D. in Molecular Microbiology, and previously researched vaccine development for HIV/AIDS and Cancer.

LWTech Anatomy and physiology instructor, Dr. Amber Wyman wasn't pushed to go into the science field when she was younger. "I wasn't encouraged, so that's something that I try to encourage people who think they aren't smart enough, or too old to go back to school," said Wyman. "I was 40 when I got my Ph.D."

Engineering, Physics and Math instructor Stephanie Bostwick told her parents she wanted to be an astronaut. So, at 17, she started flying, and decided to pursue aerospace engineering. She joined the U.S. Navy so she would be able to pursue her education through the GI Bill, and she was the first member of her family to graduate from college. While earning her Master's degree, and for several years after, she worked at Raytheon Space and Airborne Systems, Andrews Space, and Analytical Methods, Inc.

"When I first started in Industry, I showed up to a program meeting and found myself sitting at a table with 20 men. Over time, companies have realized that a shift toward diversity is necessary, but the process has been underwhelmingly slow," comments Bostwick.

Bostwick's hope is that faculty can continue to encourage and empower a diverse group of individuals to be the next generation innovators in STEM fields. She adds, "Changing our approach to teaching and assessment is just one of the ways we can break down barriers. Providing access to technology, mentoring and other support services will ensure all students have the means to succeed in STEM, which will ultimately lead to new innovations."

**To learn more about LWTech's STEM programs visit  
[LWTech.edu/Academics](https://lwttech.edu/Academics)**

\* Previously published/cited

\*\* <https://nces.nsf.gov/pubs/nsf19304/>

\*\*\* Previously published/cited

*“Once I started seeing the gender gap in STEM, having female instructors encouraged me to keep going. I had someone teaching me that I was able to relate to, and if they were that successful, I could see myself in their shoes, being successful too.”*

*–Amanda King, Biology DTA/MRP graduate*

On the cover: LWTech highlights some of our female STEM professors (clockwise): Priyanka Pant, Science; Neha Kardam, Electronics Technology; Dr. Narayani Choudhury, Math; Alexandra Vaschillo, Computing and Software Development; Kim McClure, Science; Dr. Gayle Shimokura, Public Health; Sherry McLean, Math; Dean, Dr. Aparna Sen, Health Sciences; Michelle Judy, Math; Sue Kuestner, Math; Shwetambhri Kaushal, Electronics Technology; Barcin Acar, Science; Dr. Amber Wyman, Anatomy and Physiology; Stephanie Bostwick, Engineering Transfer

## Credits Transfer

### Myth Busting: Debunking the Myths About Transferring Credits

When community and technical college students transfer to a four-year institution, they bring a variety of perspectives to their new colleges and universities including life experiences, academic achievements, and diverse perspectives. But for some, transferring from a community or technical college can sound like an intimidating process. Students might find themselves asking: Will my credits transfer? Will I graduate in four years? Will transferring be perceived as a negative thing on my future resume?

To dispel some common transfer myths, we asked three former LWTech students, who have transferred from LWTech to a four-year institution, about their transfer experience.

#### **Myth: My credits won't transfer.**

**False.** All degrees, whether DTA/MRP or AAS-T, can fulfill transfer requirements at multiple institutions thanks to the articulation transfer agreements with in-state colleges and universities.

“The faculty at LWTech have worked really hard—especially in the math and engineering department – to make sure classes would transfer easily at universities like the University of Washington,” said Taylour Mills, LWTech Engineering Transfer alumna.



*(Above) Taylour Mills, LWTech Engineering Transfer alumna*

#### **Myth: My grades don't matter if I am transferring.**

**False.** Various programs at colleges and universities have minimum program GPA requirements before enrolling into the program.

“Your GPA does matter,” said Mills, LWTech Engineering Transfer alumna. “Your GPA needs to be high enough to transfer into specific programs at universities. Plus, if your GPA is high enough, you can qualify for transfer specific scholarships.”

## **Myth: I won't graduate in four years.**

**False.** Students who enroll at LWTech can start studying in their major program on their first day! Students who graduate with a DTA/MRP or AAS-T degree transfer into a four-year program with junior status at a participating college or university.

"I graduated on time," said Megan Clinesmith, LWTech Architecture Technology alumna. "I did take one or two classes over the summer semester, especially being the first student in my program to transfer in my program agreement."



*(Above) Megan Clinesmith, LWTech Architecture Technology alumna*

## **Myth: Transferring to a four-year university is hard.**

**False.** Our Student Success Navigators (advisors) are available to assist you and walk you through the transfer process to ensure you have a smooth transition. You can talk with an advisor by scheduling an appointment at [LWTech.edu/Advising](https://www.lwtech.edu/Advising).

"Transferring is not that hard," said Yutaro Sakai, LWTech Architecture Technology alum. "If you are motivated and passionate about the career path you are pursuing, you will achieve your goals."



*(Above) Yutaro Sakai, LWTech Architecture Technology alum*

## **Myth: It will look negative on my future resume if I transfer schools.**

**False.** At LWTech, we work with over 400 Industry partners and community-based organizations who are always looking to hire LWTech students.

“Transferring from LWTech to WSU was never a concern to my employers,” said Clinesmith, LWTech Architecture Technology alumna. “My employer actually knows my former Architecture Technology instructor and was looking to hire LWTech students.”

## **Myth: Community and Technical colleges are only for people who want a vocational or technical job.**

**False.** LWTech offers 10 applied bachelor’s degrees, more than 40 associate degrees, and 93 professional certificates in 43 areas of study, including in STEM-focused programs in Science, Technology, Engineering and Math.

“At LWTech students can transfer to universities,” said Sakai, LWTech international Architecture Technology alum. “Universities teach you practical things but don’t teach you the hands-on aspects like community colleges do. Students who come to LWTech to transfer are prepared for the university they are transferring into and a job in the field they are studying.”

**To learn more about LWTech’s transfer programs visit [LWTech.edu/transfer](https://www.lwtech.edu/transfer)**

### **Top 5 transfer degree programs at LWTech\***

- 1 Nursing AAS-T
- 2 Health Sciences AAS-T
- 3 Pre-Nursing DTA/MRP
- 4 Computer Science DTA/MRP
- 5 Business DTA/MRP

\* Based on enrollment numbers averaged over the past 5 years.

## Program Spotlight

### Electronics Technology

According to the Zion Market Research report,\* jobs in the Electronics Technology field are on the rise as the Industry plans to grow by eight percent by 2025. To match the fast-paced Industry, LWTech has partnered with Industry leaders to offer degree and certificate options in our Electronics Technology program for those looking to start their career or re-train for the workforce.

“I’ve been working in aerospace for a little over three years now at Korry Electronics,” said Danny Hofer, LWTech Electronics Technology alum. “Before I entered the program, I had no experience with electronics, but I decided to study at LWTech to progress my career which has allowed me to move up in my company.”

Within the first year of the program, students receive an introduction to electronics, computer literacy, career planning, data acquisition and analysis, and electronics manufacturing testing techniques. Students learn in a hands-on environment so they’re learning firsthand how to use industry technologies like a printed circuit board (PCB) to conduct lab experiments.

“We are seeing the Industry move towards developing and manufacturing consumer based electronic products like gaming PC’s, home appliances and computer software,” said Neha Kardam, chair of the Electronics Technology program. “Our main goal in this program is to prepare students by incorporating what is being done in the Industry now, in the classroom.”

Students have the unique opportunity to do site-tours and meet with potential employers from some of the world’s biggest companies who are located in the Seattle area. To help with future job search, Industry recruiters often visit classrooms to provide students with resume and job interviewing tips to be successful. Students are often encouraged by faculty to use the freedom of the electronics curriculum to explore new areas and to challenge themselves by working on variety of projects.

“There is a lot of freedom in this program in deciding what to explore for projects,” said Hofer. “My group decided to build a self-operating rover from scratch. It required mechanical and electrical design, programming, and a lot of coordination with each other.”

Starting in the fall of 2021, our electronics program will be offering eight NEW program certificates for students to choose from based on their desired career path.

“It doesn’t matter what your background is, anyone who is interested can learn Electronics,” said Kardam. “If you are looking to progress your career in Electronics or are looking to re-train, this is a great program that will prepare you for an ever-expanding Industry.”

**To learn more about the LWTech Electronics Technology program, visit [LWTech.edu/Electronics](https://www.lwtech.edu/Electronics)**



*(Above) Professor Neha Kardam helps an Electronics program student.*

*“Our main goal in this program is to prepare students by incorporating what is being done in the Industry now, in the classroom.”*

*–Neha Kardam, Chair, LWTech Electronics Technology Program*

\* [Globenewswire.com/news-release/2019/03/29/1788299/0/en/Global-Electronics-Contract-Manufacturing-Services-Market-to-Reach-USD-32-05-Billion-By-2025-Zion-Market-Research.html](https://www.globenewswire.com/news-release/2019/03/29/1788299/0/en/Global-Electronics-Contract-Manufacturing-Services-Market-to-Reach-USD-32-05-Billion-By-2025-Zion-Market-Research.html)

## **Public Health**



*(Above) Keeping humanity healthy, worldwide, is a rewarding full time job!*

Prior to COVID-19, not many people knew the role public health professionals had in the community. But as the COVID-19 spread across the U.S., our Bachelor of Applied Science in Public Health program saw a surge in student enrollment.

The program is led by one of two epidemiologists at the college who bring real-world experience directly from the public health field. By offering the only applied bachelor’s degree in public health, at a community or technical college in the state of Washington, we serve our community by offering a degree option that is current, relevant and affordable.

“With jobs in community health education expected to rise by 13% by 2029, I don’t see enrollment slowing down,” said Dr. Gayle Shimokura, epidemiologist and chair of the LWTech Public Health program. “Because everyone has been impacted in some way, more people are now seeing a career in public health as an option.”

LWTech’s updated curriculum is designed to match growing Industry need, so that students are prepared to sit for the national certified health education specialist examination upon completion of the program.

The program was designed with working students in mind, so classes are available in the evening too, which allows students the opportunity to go to school at the same time as working either full or part-time. Classes are taught by faculty who also work in public health in the Seattle area, and classes are small, usually with no more than 24 students.

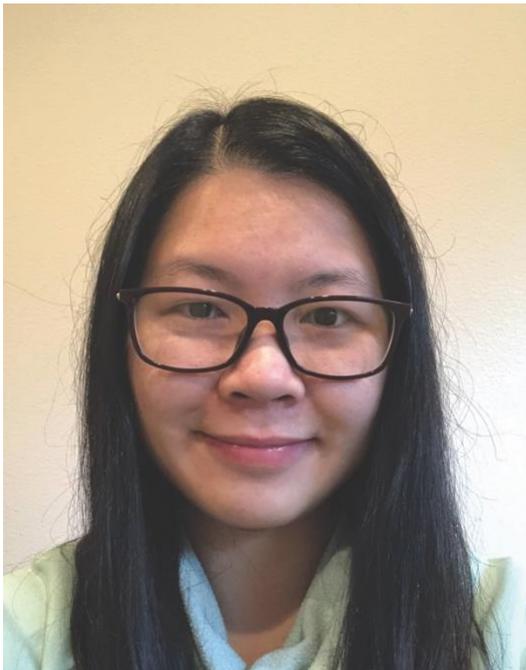
The curriculum covers, in-depth, the Eight Areas of Responsibility for community health education specialists. Students learn how to read surveys, analyze data, calculate vaccine effectiveness, and much more. When it comes to connecting with Industry, students in the program have a unique opportunity through their capstone projects to volunteer in their local community and work alongside public health professionals.

“I chose to study public health because I care about people,” said Sabrina Do, LWTech Public Health student. “Being a part of this program makes me excited to think that I can make positive contributions to my community.”

**To learn more about the LWTech Public Health program, visit [LWTech.edu/PublicHealth](https://www.lwtech.edu/PublicHealth)**

*“Being a part of this program makes me excited to think that I can make positive contributions to my community.”*

*–Sabrina Do, LWTech Public Health student*



(Above) Sabrina Do, LWTech Public Health student

# Become an LWTech Lion

## Easy to Apply & Pay for College

### Get Started in Three Easy Steps

1. Connect: [LWTech.edu/GetStarted](https://www.lwtech.edu/GetStarted)  
Meet with the LWTech Admission Coach, who will create your personalized admission guide.
2. Apply: [LWTech.edu/Apply](https://www.lwtech.edu/Apply)  
Applying to LWTech is simple! Fill out and submit the online application. It only takes about ten minutes. Need help? Contact our Admission Coach!
3. Register: [LWTech.edu/Advising](https://www.lwtech.edu/Advising)  
Before you can meet with an advisor to register, you must have your Student ID Number (provided after you apply for admission) and have math and English placement. LWTech has many placement options, including our free Placement Assessment.

### Paying for College

Many options exist when it comes to paying for college. Scholarships, grants and financial aid are just some of the options. Sorting through all the options can sometimes get confusing. We're here to help you navigate all types of assistance, in addition to our low tuition rates.\*

We offer the following ways to help students pay for their education:

- FAFSA: Free Application for Federal Student Aid
- WASFA: Washington State Financial Aid
- LWTech Foundation Scholarships
- Workforce Development
- Work-Study
- Grants
- Loans
- Veteran Education Benefits

**For more information visit [LWTech.edu/PayForCollege](https://www.lwtech.edu/PayForCollege)**

### Financial Aid Grants

LWTech participates in nearly all federal and state financial aid programs, including the Pell Grant (largest federal grant program), and the Washington State College Grant (largest state grant program). The Washington State College grant provides need-based financial aid to income-eligible students. Income eligibility has increased to 100% of median family income with funding guaranteed for eligible students. Applying for these grants, as well as other funding opportunities, is easy with the Free Application for Federal Student Aid. Plus, you don't need to have low income status for some types of aid!

**For more information about Financial Aid Grants, visit [LWTech.edu/FinancialAid](https://www.lwtech.edu/FinancialAid)**

\* Source: [LWTech.edu/Admissions/Financial-Aid/Cost-of-Attendance](http://LWTech.edu/Admissions/Financial-Aid/Cost-of-Attendance)

## Supporting Our Lions

### Student Support Services

At LWTech, we understand that each and every student we meet comes with a valuable and unique perspective. Which is why we offer many meaningful student support services like TRIO, the RISE Center, Disability Support Services and Veterans Services have staff who are committed to student success, and are ready to meet students where they are.

#### TRIO

The logo for TRIO features the word "TRIO" in a bold, sans-serif font. The letters "T", "R", and "O" are black, while the letter "I" is a vibrant blue. A thin black horizontal line is positioned directly beneath the text.

TRIO, a federally funded grant program, provides tutoring, financial literacy and academic advising to more than 300 students at LWTech who are first generation or are students with disabilities.

In addition to providing academic support, TRIO provides a safe space for all students to ask questions, and to find other resources as needed.

**Learn more about TRIO at [LWTech.edu/TRIO](http://LWTech.edu/TRIO)**

#### The RISE Center



The RISE Center, which stands for Resources for Inclusion, Support and Empowerment, opened its doors in the Fall of 2017 to serve as a resource for LGBTQIA+, People of Color, Immigrant and Undocumented students.

The RISE Center is just one of many physical spaces on campus where students can visit to not only gather information on resources but to also connect with other students in the college community.

**Learn more about the RISE Center at [LWTech.edu/RISE](http://LWTech.edu/RISE)**

## **Disability Support Services**



LWTech's Disability Support Services (DSS) works to ensure students with disabilities have an equal opportunity in educational and co-curricular offerings through our Accommodation Process. The Accommodation Process is student-centered and individualized for each and every student.

The transition to college can be challenging for adults with disabilities. LWTech's DSS is here to support you.

**Learn more about DSS at [LWTech.edu/DSS](https://www.lwtech.edu/DSS)**

## **Veteran Services**



The Veteran Center, officially known as the Center of Excellence for Veteran Student Success (CEVSS), supports the educational, health and wellness, and transitional needs of today's veterans. The CEVSS provides a number of services, including help with test placement, veteran benefits support, one-on-one academic advising, financial aid support, and much more.

**Learn more about the CEVSS at [LWTech.edu/Veterans](https://www.lwtech.edu/Veterans)**

## High School Programs at LWTech!

### Running Start: High School Juniors and Seniors

Students can complete college-level courses at LWTech full time or take classes at the college and their high school at the same time. Running Start classes include free textbook loans.

### Technical Academy: Ages 16-20

Eligible high school juniors and seniors train for a career while earning credit towards a high school diploma and college degree at the same time at our accredited, on-campus high school.

### Open Doors: Ages 16-20

Students who are not currently enrolled in their local high school can earn credit towards a high school diploma and college degree at the same time with supports through our youth reengagement program.

Learn more about High School Programs at [LWTech.edu/HS](https://www.lwtech.edu/HS)

## This is YOUR LWTech

Call, visit, or follow us to start your transformation

[LWTech.edu/YourLWTech](https://www.lwtech.edu/YourLWTech)

**(425) 739-8100**

**Twitter, Facebook, Instagram**

**@TheLWTech**

Lake Washington Institute of Technology (LWTech) is accredited by the Northwest Commission on Colleges and Universities at the associate and baccalaureate degree levels.

Northwest Commission on Colleges and Universities (NWCCU) 8060 165th Avenue NE, Suite 100; Redmond, WA 98052-3981

LWTech's total liability for claims arising from a contractual relationship with the student in any way related to classes or programs shall be limited to the tuition and expenses paid by the student to the college for those classes or programs. In no event shall the college be liable for any special, indirect, incidental, or consequential damages, including but not limited to, loss of earnings or profits. LWTech does not and will not provide any commission, bonus, or other incentive payment based directly or indirectly on success in securing enrollment or financial aid to any persons or entities engaged in any student recruiting or admissions activities or in making decisions regarding the award of student financial assistance. LWTech is committed to providing equal access for students with disabilities. Information about instructional accommodations and equipment is available from the Disability Support Services coordinator, (425) 739-8300, or 711 (Washington Relay).

LWTech values equality of opportunity, human dignity, racial, cultural and ethnic diversity both as an educational institution and as an employer. The college provides equal opportunity in education and employment and does not discriminate on the basis of race or ethnicity, creed, color, national origin, sex, marital status, sexual orientation, age, religion, disability, genetic information, or veteran status. The college complies with applicable laws prohibiting discrimination and harassment in employment, educational programs and admissions, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, Americans With Disabilities Act of 1990, the Age Discrimination Act and the state law against discrimination, chapter

49.60 RCW. Inquiries regarding compliance procedures and complaints may be directed to the college's Affirmative Action Officer: Executive Director, Human Resources, Affirmative Action Officer/Title IX Coordinator, 11605 132nd AVE NE, Kirkland, WA 98034, (425) 739-8212 or 711 (Washington Relay). [LWTech.edu/eo](http://LWTech.edu/eo)

In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act of 1998, and as a part of the College's commitment to safety and security on campus, Lake Washington Institute of Technology(LWTech) reports the mandated information about current campus policies concerning safety and security issues, the required statistics, and other related information for the past three (3) calendar years. LWTech's Annual Safety Report (ASR) is available online at [LWTech.edu/clery](http://LWTech.edu/clery). To obtain a paper copy of the report, please visit the LWTech Safety Department located in the East Building at 11605 132nd Avenue NE Kirkland, WA 98034.

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A special thank you to the students and faculty who through their awards, achievements and amazing lives we are able to celebrate!

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