



# PROGRAM GUIDE WINTER 2020

▶ WORKING WONDERS

Wenatchee Valley  
**WW**TECH  
Technical Skills Center



## DIRECTOR'S MESSAGE



Welcome to the world of career and technical education (CTE). WV Tech is a regional hub for CTE programs that equip students with personal, workplace and technical skills employers want in a unique learning environment. Our programs help students to be more than just an average. They help students develop what's needed to succeed in life: technical skills, academic skills, and employability skills. In addition, through our CTE programs students can see how what they're learning applies to the needs of employers.

Regardless of whether a student is headed to college or the workforce, learning at WV Tech will help them prepare for the future. In fact, college-bound students can get job experiences to help them define their career plans, identify an appropriate course of study and help pay for tuition.

Just think of the benefits students receive by gaining not only a solid foundation in academics but also hands-on, technical experience and know-how. Inside the pages of this program guide, you'll be able to discover more about our program pathways, instructors, alumni and understand how WV Tech can compliment a students' high school experience. WV Tech is 'working' wonders for students in our community and I hope you'll find your future in one of our programs. Parents, students, and community members are always welcome to visit us so come see for yourself what WV Tech has to offer, visit our website at [wenatcheeschools.org/wvtsc](http://wenatcheeschools.org/wvtsc) or call us 509.662.8827

## ABOUT WV TECH

### ► About WV Tech

WV Tech provides free academic and hands-on technical career training to high school juniors and seniors from Cashmere, Cascade, Eastmont, Entiat, Lake Chelan, Manson, Pateros, Quincy Waterville, and Wenatchee School Districts. The Wenatchee School District is the host District and runs operations for WV Tech.

WV Tech meets the new Washington State CTE Graduation Pathway. Ask your Counselor how.

WV Tech supports North Central Washington students and the needs of our local economy by providing rigorous and relevant career pathways that engage students in planning for their futures; develop students' academic, technical and employability skills; and provide opportunities for work-based learning and mentorship.

### ► Industry Experienced Instructors

Set foot inside the doors of WV Tech and it won't take long to see the commitment to high standard technical and professional training. Our instructors are industry professionals having years of experience before entering the teaching field. It is this added benefit of industry experience that makes the difference when a student enters the workforce or continues on at the post-secondary level.

### ► Learn by Doing

Students also benefit greatly from the extensive connection instructors have with industry. Many

students are placed in job shadows, internships or participate in project-based learning experiences during the program. Students get to see first-hand how business operates, and on many occasions, our students have a leg up when it comes to applying for and getting a job.

Our programs are designed around local, state and national skills standards. Even if the student does not go directly into the industry, workplace skills, such as communication, problem solving and punctuality are valuable lifetime tools.

### ► Compliment Your High School Experience

One of the key benefits of WV Tech is the connection to the student's home high school. The Tech Center is an extension of their high school where they remain for half the day allowing them to make and maintain important connections to friends, teachers, and counselors.

### ► Earn College Credits

WV Tech courses are articulated with Wenatchee Valley College which allows students to earn college credit at little or no cost while still in high school. Tech Prep programs are saving families money and time when the student moves into advanced training. The majority of our programs offered have a college credit option.

Take a moment, look at the programs available to you, then talk to your parents and counselor and see if WV Tech is right for you. Your future is waiting.





HIGH SCHOOL STUDENTS INVOLVED IN CTE ARE MORE ENGAGED, PERFORM BETTER AND GRADUATE AT HIGHER RATES.

93%

The average high school graduation rate for students concentrating in CTE programs is 93 percent, compared to an average national freshman graduation rate of 80 percent.

CTE-related learning improves students' overall academic motivation and performance.

80%

of CTE students say CTE classes helped them "know where they were headed"

70%

of CTE students say entering a CTE program of study helped them get better grades

64.7%

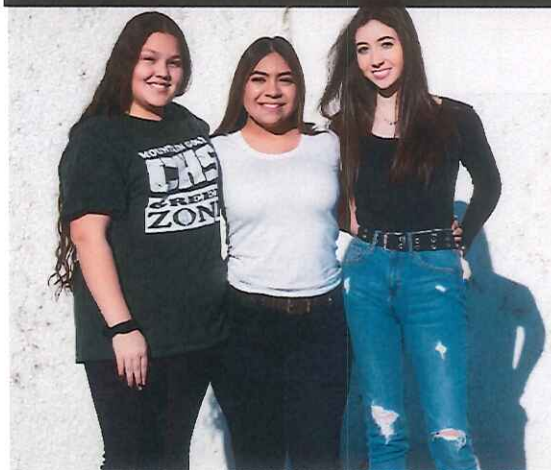
of postsecondary CTE students enroll in public two-year institutions



Get more Facts about the value of Career & Technical Education [acteonline.org/why-cte/](http://acteonline.org/why-cte/)

Wenatchee Valley Tech 327 East Penny Road, Wenatchee, WA 98801 | Phone: 509.662.8827

## HOW TO ENROLL



Before enrolling it is a good idea to review program requirements as well as to meet with your counselor regarding graduation requirements.

Enrolling at WV Tech is easy. Our one-page application is available on our website [wenatcheeschools.org/wvtsc](http://wenatcheeschools.org/wvtsc) or can be picked up at your high school counseling center or in person at WV Tech administration office, 327 East Penny Road, Wenatchee, WA 98801

Completed applications can be turned in to student's high school counselors or delivered to directly WV Tech. Applications are reviewed and students and guardians are informed if they are admitted.

## SUMMER PROGRAMS

Summer Academy is free and open to all incoming 9th, 10th, 11th, and 12th-grade students.

Students not only get a preview into one of our industry programs but also earn a .5 credit towards graduation.

Summer Academy classes start the third week of June and run for four weeks. Classes are held Monday - Friday, 8 a.m. - 3:00 p.m. on the WV Tech campus. All WV Tech programs are offered in the summer session in addition to Medical Occupations. The Medical Occupations is held at Wenatchee High School during the summer session.

Summer applications are available by March 1st and can be picked up at school counseling offices.

While we do not have school transportation, Link Bus Passes are available at a student rate or for no cost. Check with WV Tech Center staff for more information. Lunch can also be purchased for \$3 a day.





# AUTOMOTIVE TECHNOLOGY



## ► Program Overview

Innovation, consumer demands, and a rapidly-growing population have transformed the automotive service industry. Expertise in technology, problem-solving, and strategic thinking are hallmarks of this profession. Develop the skills necessary to succeed in the automotive industry with the Automotive Technology Program. Our program and instructors are ASE Education Foundation certified, the nation's industry standard. Maintenance and light repair (MLR) has recently been added to the curriculum to provide a well-rounded learning experience. Program completers may earn Tech Prep college credit through Wenatchee Valley College if they receive a B grade or higher.

Students can obtain the knowledge and skills necessary to earn their ASE Certification (industry standard) after one year of full-time employment in the automotive field. Students can also receive certificates in SP2 safety training & Precision Exams.

## CAREER OPPORTUNITIES

- Entry-level automotive technicians
- Service advisor
- Service manager
- Parts counter assistant

## PROGRAM PATHWAY

### High School Classes

Algebra | 10th-grade Reading level  
Art Classes | Metal Shop | Welding



### Wenatchee Valley Tech Courses

Automotive year 1  
Automotive year 2



### Direct to Industry

Employment with dealerships and other local automotive repair shops.



### Industry Partners

Cascade Subaru, Pat Armstrong Ford, Cascade Chevrolet,  
Link Transit, Wenatchee Motor Sports and Apple Valley Honda.



### Post Secondary Programs at Wenatchee Valley College

Automotive Technology Light Diesel  
Industrial Technology Machining  
Industrial Technology Welding & Fabrication Environmental Systems  
Basic HVAC and Controls  
Commercial Industrial HVAC

“I've wanted to be a mechanic since I was little and knew WV Tech was for me after visiting in the 8th grade and seeing the Automotive program. If you're really interested in pursuing a career, Wenatchee Valley Tech is definitely a door to walk into.”

- Jesus

### High School Credit Equivalency\*

1.0 Math  
.5 Science  
.5 English

### College Credits\*

10 Credits in WVC's Automotive Tech Program

\*credits are subject to change.  
Check with your high school counselor or  
contact us at (509) 662-8827





# COLLISION REPAIR TECHNOLOGY



## ► Program Overview

In the Collision Repair Technology course, students learn tool identification and proper use, vehicle construction, minor body repair, sanding, painting components and techniques, estimating damaged vehicles, MIG welding and many other operations related to vehicle repair. The program includes use of Sikkens Paint System and is a member of I-CAR Industry Training Alliance and PPRC (Pollution Prevention Resource Center) Star Training Program to meet industry standards and certification.

## CAREER OPPORTUNITIES

Body Shop Parts Organizer  
Paint Prepper & Masker  
Bodyman  
Detail Person  
Paint Store Sales  
Parts Store Associate  
Delivery Person  
Paint Rep

## PROGRAM PATHWAY

**High School Classes**  
Algebra | 10th-grade Reading level  
Art | Metal Shop | Welding

**Wenatchee Valley Tech Courses**  
Collision Repair year 1  
Collision Repair year 2

**Straight to Industry**

**Industry Partners**  
Cascade Chevrolet, Town Toyota, Earhart's Body Shop,  
First Choice Collision Center and Wesco

**Related Post-Secondary Education at Wenatchee Valley College**

Automotive Technology  
Light Diesel  
Industrial Technology - Machining  
Industrial Technology - Welding & Fabrication  
Environmental Systems  
Basic HVAC and Controls  
Commercial Industrial HVAC  
Commercial Industrial HVAC

“ Students go in knowing nothing about collision repair and come out as good starter employees. They get the basics down in a short period of time and that's huge. ”

- Allen Tangeman  
First Choice  
Collision Center

**High School Credit Equivalency\***  
Applied Math 1.0  
Fine Arts .5

**College Credits\***  
21 Credits at Walla Walla  
Community College

\*credits are subject to change.  
Check with your high school counselor or  
contact us at (509) 662-8827





# CONSTRUCTION TRADES

## ► Program Overview

Each day is filled with practical hands-on activities designed to build construction skills and knowledge to equip students for work in today's growing construction industry. Students are encouraged to develop initiative, respect and hard work, along with carpentry competencies that include construction jobsite safety, residential framing, concrete, roofing, sheetrock, and insulation. Students may work toward and receive a 1st & 2nd-year Certificate of Completion as part of this course and may work off-site for a construction company in our Work Studies Program. The Construction Trades program includes field trips to commercial and residential job sites and related business, as well as a blend of hands-on projects, such as residential home construction, Tiny House construction, sheds, and other community projects.

## CAREER OPPORTUNITIES

Carpentry  
Plumbing  
Concrete  
Drywall  
Roofing and Framing

## PROGRAM PATHWAY

### Suggested High School Courses

Applied Math- fractions | Angles  
Drafting | Physical Education | Wood Shop

### Wenatchee Valley Tech Courses

Construction Trades year 1  
Construction Trades year 2

### Straight to Industry

### Industry Partners

Builders First Choice, Marson and Marson, Building North Central Washington, Complete Design, Turner Restoration

### Post Secondary Programs at Wenatchee Valley College

Automotive Technology Light Diesel  
Industrial Technology - Machining  
Industrial Technology - Welding & Fabrication Environmental Systems  
Basic HVAC and Controls  
Commercial Industrial HVAC

“ This program is a valuable resource for the building community and for students looking to get into the trades. We have a shortage of skilled labor in the construction trades and WV Tech's program is helping to fill the gap with young people who have the right skills. ”

- Lee Pflugler  
CEO, Building North Central Washington

### High School Credit Equivalency\*

Applied Math 1.0

\*credits are subject to change  
Check with your high school counselor or  
contact us at (509) 662-8827





# COSMETOLOGY

## ► Program Overview

Cosmetology is a 1,600-hour program that prepares students for the beauty industry. Industry concepts including working with hair, skin, and nails will bring each student into direct contact with current products and services, all taught by skilled professional cosmetology instructors. The students are also taught and graded on how well they interact professionally and properly with the public and fellow classmates. Lecture and lab time are documented, per state regulations and hours, to qualify to take the WA State Cosmetology exam for a professional license.

## CAREER OPPORTUNITIES

- Cosmetologist
- Nail technician
- Salon or spa manager
- Wedding and event stylist
- Makeup artist
- Esthetician
- Barber
- Platform artist
- Distributor

## PROGRAM PATHWAY

### Suggested High School Courses

Biology | Anatomy and Physiology  
Chemistry | Art | Theater

### Wenatchee Valley Tech Courses

Cosmetology year 1  
Cosmetology year 2

### Post Secondary

Zara Beauty Academy  
Nail Spa Academy

### Business and Industry Partners

Zara Academy  
Andi's Salon  
Luxe Salon  
Polish Hair and Nail Salon  
Chop It Up Barbershop

“Our hours are counted and applied towards earning a Cosmetology license. I'd like to own my own salon someday.”

- Emily

### High School Credit Equivalency\*

English .5  
Science 1.0

### College Credits\*

Agreement with Zara Beauty Academy

\*credits are subject to change.  
Check with your high school counselor or  
contact us at (509) 662-8827





# CRIMINAL JUSTICE - POLICE SCIENCE

## ► Program Overview

The Criminal Justice program gives an overview of the law enforcement and criminal justice system and the careers available in this growing employment field. Learning opportunities include Forensic Investigations, Crime Scene Investigation, Patrol Procedures, Interrogation, Arrest, Marching, Physical Training, Handcuffing, Cell Extractions, Defensive Tactics, and Leadership Skills. This course has a physical component including running, marching, jumping, carrying weight and bending.

## ► Certifications Earned

Program completers may earn industry certification in American Red Cross First Aid/CPR/AED, Boater Safety Course, ICS, Washington State Driver's License written course.

## CAREER OPPORTUNITIES

Security  
Police Officer  
Crime Lab  
Military  
Dispatch  
Corrections Officer

# PROGRAM PATHWAY

## Suggested High School Classes

Legal System | U.S. History | Physical Education  
Psychology | Sociology

## Wenatchee Valley Tech Courses

Criminal Justice year 1  
Criminal Justice year 2

## Direct to Industry

Washington Liquor & Cannabis Board  
Military  
Border Patrol  
Security  
Dispatcher  
Search and Rescue  
Washington State Patrol

## Post Secondary Programs at Wenatchee Valley College

Emergency Medical Technician (EMT)  
Chemical Dependency Studies  
Criminal Justice  
Corrections  
Fire Science  
Nursing

“The Criminal Justice program gave my son an education that is way more tangible but also gave him a better understanding of Law Enforcement and Police work. The curriculum is solid but it's made exponentially more powerful by the way in which it's taught.”

- Eric Barnes  
Parent

## High School Credit Equivalency\*

American History .5  
Physical Education .5

## College Credits\*

10 Credits at Wenatchee  
Valley College

\*credits are subject to change.  
Check with your high school counselor or  
contact us at (509) 662-8827





# CULINARY ARTS

## ► Program Overview

Working in a commercial kitchen and using standard industry equipment and ingredients, students have the opportunity to learn, practice, and build on basic culinary, baking, and service skills. The academic work includes culinary math, industry terminology, safety and sanitation, and history and professionalism. These experiences lead to work-based learning opportunities, Chef's Dinners, weekly bread production, and networking with professionals.

American Culinary Federation Education Foundation Exemplary Program

## CAREER OPPORTUNITIES

Personal chef  
Galley or prep cook  
Cake Decorator  
Restaurateur  
Caterer  
Baker  
Bartender  
Event coordinator  
Food and beverage manager  
Family and consumer sciences teacher

## PROGRAM PATHWAY

**Suggested High School Classes**  
Biology | Math - Fractions & Measurement  
Cooking I and II | Nutrition

**Wenatchee Valley Tech Courses**  
Culinary Arts year 1  
Culinary Arts year 2

**Direct to Industry**

**Post Secondary Training and Education**  
Sustainable Agriculture & Resource Management  
Culinary Arts School

**Industry Partners**  
Stones Gastropub  
chateau faire le pont

**High School Credit Equivalency\***  
Math 1.0 | Fine Arts .5  
Lab Science .5 | English .5

\*credits are subject to change. Check with your high school counselor or contact us at (509) 662-8827

“I enjoy cooking and baking, and the Tech Center has a Profession chef for a teacher. I'm planning to go on to a technical school for baking in Seattle to get even more experience.”

- Ashely

“The Culinary Arts program shows a variation of the industry and lots of other aspects. I'm just amazed at the resources the students have access to and the quality of the instructors. It gives students a level of expertise that makes it easier for them to find jobs at local restaurants. When someone asked me where to hire people and I say go to the tech center.”

- Seth McKee  
Chef - Stones Gastropub





# DIGITAL MEDIA ARTS

## ► Program Overview

Digital Media Arts (DMA) at WV Tech is a hands-on, professional-oriented program geared for students who want marketable job skills for careers in the television, motion picture, freelance videography, music recording, and sound engineering industries.

### High School Credit Equivalency\*

Fine Arts .5  
English .5

*\*credits are subject to change.  
Check with your high school counselor or  
contact us at (509) 662-8827*

## CAREER OPPORTUNITIES

Camera Operator  
After Effects Editor  
Video Editor  
Audio Technician  
Freelance Video Producer  
Broadcast Journalist  
Social Media Manager  
Music Producer

# PROGRAM PATHWAY

### Suggested High School Classes

Graphic Design | Web-Design  
Writing | Photography

### Wenatchee Valley Tech Courses

Digital Media Arts year 1  
Digital Media Arts year 2

### Direct to Industry

### Related Post Secondary training & education

Digital Design - WVC  
Graphic Design - WVC

### Industry Partners

The Wenatchee Wild  
NCWLife Channel  
North 40 Productions  
Voortex Productions  
Howell at the Moon Productions

“The Digital Media Arts program has more equipment than anywhere else. Our teacher cares about the students and is actively helping students look for jobs outside of school too.”  
- Daniel

“Everybody that's come out of the Digital Media Arts class that has worked for us is operational camera ready, they get the lingo and understand our industry. We put them to work filming live sports and events like graduation.”

- NCWLife Channel  
Program & Sports Director





# FIRE SCIENCE

## ► Program Overview

The Fire Science Program teaches structural firefighting and prepares students to take the Washington State Firefighter 1 Exam. Student fire recruits are issued full modern fire protective gear and participate in extended learning experiences at local fire stations and training facilities. The course is guided by the "Essentials of Firefighting" coursebook and is taught through a combination of lecture and hands-on training, physical fitness regimen, guest speakers, and real-world scenarios.

## ► Certifications Earned

First Aid CPR AND AED  
ICS 100, 200, 700, 800  
NWCG S190, S130, L180 including field day and Pack test CERT

## CAREER OPPORTUNITIES

Firefighter  
Emergency Medical Technician (EMT)  
Wildland Firefighter  
Dispatcher

# PROGRAM PATHWAY

## Suggested High School Classes

Health Basic | Math | Chemistry  
Physics | Physical Education

## Wenatchee Valley Tech Courses

Fire Science year 1  
Fire Science year 2

## Straight to Industry

Wildland Firefighter  
Resident Program (volunteer)  
Hired as a Firefighter

## Industry Partners

Douglas County Fire | Chelan County Fire | Orondo Fire Department  
US Forest Service | Department of Natural Resources

## Related Post Secondary Training & Education at Wenatchee Valley College

Emergency Medical Technician (EMT) - WVC  
Fire Science - WVC  
Nursing - WVC

“Fire Science definitely prepares you for being a firefighter and motivates me to do more. Our instructor doesn't let us give up. He pushes us to keep going. If you don't give up in life you can have a lot of success whether you are going into the fire field or not.”

- Peyton

## High School Credit Equivalency\*

Math 1.0  
Physical Education .5

## College Credits\*

12 credits in WVC's Fire  
Science Program

\*credits are subject to change.  
Check with your high school counselor or  
contact us at (509) 662-8827





# VIDEOGAME DESIGN AND PROGRAMMING

## ► Program Overview

Open the door to the creative world of programming, video game art, animation, production, and level design. By the end of the course, you'll be able to make basic 2D & 3D games, create basic digital art, and program in Java. The first portion of this class is AP course in Java programming taught by industry experts and is based upon the University of Washington's "Intro to Programming" course. You'll get a fast-track into the hottest job market and highest paying "in demand" jobs in the nation. If you want to be on the cutting edge and work with current software designers and engineers from Amazon and Microsoft, then this is for you. The second portion uses the industry-standard Unity gaming engine to create 2D and 3D games.

## ► Proud of

We currently have seven software or programming engineers who are volunteering in both classes teaching and helping students who work for Microsoft, Amazon, Nordstroms, and Disney. This also helps the students custom design pathways from high school to an industry career.

We have numerous students completing the Teals curriculum based on the University of Washington's Introduction to Programming course CS142.

## CAREER OPPORTUNITIES

Software Developer  
Video Game Designer  
Cyber Security  
Software Engineer

# PROGRAM PATHWAY

## Industry Certifications

Programming Java | Unity | A+ Hardware and Software Security+ | Networking+

## Suggested High School Classes

Computer Science | Art | Design  
3D modeling | Math: Geometry

## Wenatchee Valley Tech Courses

Video Game Design and Programming year 1 & 2

## Industry Partners

Pet Hub | Microsoft | Amazon

## Related Post Secondary

Business Computer Technology - WVC  
Digital Design - WVC  
Graphic Design - WVC  
Network Administration - WVC  
Computer Technician - WVC  
Aerospace Electronics - WVC

“They (Microsoft and Amazon) are paying for your education here because of the huge demand coming for programmers. This is unprecedented.”

- Daniel Kjobech

“We're learning programming as a whole and not just the video game aspect. You get to learn programming for basically anything. Everything we do with coding we can take into an occupation. We can use all of it.”

- Kaya

## High School Credit Equivalency\*

Fine Arts .5  
Geometry 1.0

## College Credits\*

Up to 15 credits at  
Wenatchee Valley College

\*credits are subject to change. Check with your high school counselor or contact us at (509) 662-8827





### Community Services

Many WV Tech programs make services available to the community. Whether you're looking for a manicure, need a shed built or want to book a caterer for your next event, WV Tech students can help meet your needs. Utilizing community services provides students with real-world learning experience. **Contact WV Tech at 509.662.8827 for more information.**

### Culinary Arts:

Pick up a pastry or a cup of your favorite coffee at the student-run cafe inside WV Tech. Buffet style lunch in the dining room is open twice a week and full event catering services are available.

### Cosmetology:

Salon and spa services are performed by second-year students.

- Manicures
- Thermal Curling
- Chemical Waving
- Hair Lightening/ Hair Coloring
- Perms
- Men's and Women's Haircuts

**Salon and spa services are available by appointment.**

### Digital Media Arts:

- Audio and Video event recordings
- Advertising and Marketing Videos
- Audio & Video Editing

**Contact instructor for details**

### Autobody repair:

- Auto detailing
- Small, 1 to 3 panels, automobile bodywork (rust and dents)
- Automotive paint jobs

**Contact instructor for details**

### Construction Trades:

- Homebuilding (no finishing work)
- Custom Sheds
- Exterior remodeling

**Contact instructor for details**

### Automotive Technology:

- Oil change
- Replacement of belts, pumps, and hoses.

**By appointment only**

## Wenatchee Valley Tech

327 East Penny Road  
Wenatchee, WA 98801  
509.662.8827

Non-profit org.  
U.S. Postage PAID  
Permit No. 241  
Wenatchee WA 98801

**ECRWSS**  
**Postal Customer**



The Wenatchee School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination: Title IX Coordinator, Section 504 Mark Helm, Assistant Superintendent Civil Rights Compliance and ADA Coordinators Mark Helm, Assistant Superintendent (for students) helm.m@wenatcheeschools.org Kelly Lopez Executive Director of Human Resources (for staff) lopez.k@wenatcheeschools.org 235 Sunset Ave, Wenatchee WA, 98801 (509-663-8161).

