



The best way
to predict the
future is to
create it.

Abraham Lincoln



20
CAREER
CONNECTED
PROGRAMS



3 HOURS
AT YOUR HIGH SCHOOL
3 HOURS
AT TRI-TECH



TRI-TECH
MEETS YOUR
CTE PATHWAY
TO GRADUATION



Who Can Attend Tri-Tech?

- ➡ High school Juniors and Seniors.
- ➡ Homeschool students age 16 to 20 who have not received a diploma.
- ➡ Students who are age 16-20 with GED or enrolled in a program.



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AUTO BODY TECHNOLOGY

Grades: 11-12 - Length: 1 or 2 years



Description: If you enjoy working on cars, and like the satisfaction of making a vehicle look new again, this program may be for you. While learning to repair today's high-tech vehicles, you will gain the skills required to work in the automotive collision repair industry. The program includes use of professional training materials to meet National Automotive Technical Education Foundation (NATEF) requirements and standards to earn related certifications.

IN THIS PROGRAM YOU WILL:

- ✓ Restore and refinish cars, trucks and other vehicles.
- ✓ Use modern welding, sanding, masking, painting and creative airbrushing procedures.
- ✓ Create custom modifications using artistic design elements.

Credits:

.5 Technical English
2.5 Occupational Elective

Year-long course must be completed to be eligible for Technical English Credit.

Session Information

SESSIONS

AM Session
8am - 10:30am

PM Session
11:30am - 2pm

COSMETOLOGY:

AM Session
8am - 10:30am

PM Session
Noon-3pm

Length of Program:
1 or 2 Years

Credit Information

High School Credits:

All programs offer a total of 3.0 credits per year. These credits may be occupational, elective or used as equivalency credits for high school graduation requirements. Students must pass both semesters to earn equivalency credits. These may be Visual Art, Fitness, Lab Science, Health and Math.

College Credits:

All programs offer college credits.

Returning students must have a B grade or better and instructor recommendation.

Certification Opportunities:

ASE Entry Level Collision Repair Certification, SP2 Safety, Forklift Operator, Aerial Lift Operator Certification.

College Credits Available: 23 Credits

Career Opportunities: Collision Repair Technician • Custom Car Builder • Automotive Detailer

PROGRAM PATHWAY



Helpful High School Classes

Algebra | Geometry | Art Classes
Metal Shop | Welding



Tri-Tech Skills Center Program

Auto Body Technology for 1 or 2 years



Direct to Industry

Employment with local collision repair businesses or other local repair facilities.



Related Post-Secondary Programs CBC and North Idaho College

Auto Technology | Collision Repair
Welding Technology

DID YOU KNOW?

In the past 20+ years, students have earned over 50,000 college credits while attending Tri-Tech with a savings of over \$6 million.

Saving families money!

AUTO SYSTEMS TECHNOLOGY

Grades: 11-12 - Length: 1 or 2 years



Description: Learn about the automotive service industry in an environment set up like an auto service department. Students will service and diagnose vehicles, gaining application-based learning experience in engine fundamentals, maintenance, tune-up and repair, brake and suspension repair, and wheel alignment. Program work is taught by ASE Master Certified Technicians. Students will focus on safety, tool identification and proper use, and the technical skills of automotive systems and repair. A good driving record is VERY important. Paid summer internships available for qualified students.



IN THIS PROGRAM YOU WILL:

- ✓ Diagnose and repair a variety of electronic and electrical systems.
- ✓ Read wiring diagrams and repair manuals, applying what you've learned to a vehicle.
- ✓ Read meters and computer diagnostic equipment.

Credits:

.5	Technical English	Year-long course must be completed to be eligible for English, Math or Science Credits
.5	Math	
.5	Science	
1.5	Occupational Elective	

Certification Opportunities: SP2 Safety, Forklift Operator, Automotive Service Excellence Student Certification.

College Credits Available: 14 Credits

Career Opportunities: Automotive Technician • Service Writer • Service Center Manager

PROGRAM PATHWAY



Helpful High School Classes

Algebra | Geometry | Physics | Metal Shop



Tri-Tech Skills Center Program

Auto Systems Technology for 1 or 2 years



Direct to Industry

Employment with dealerships and other local repair facilities.



Related Post-Secondary Programs CBC and Walla Walla Community College

Auto Technology | Diesel Technology | Heavy Equipment Repair | Welding Technology
HVAC | Electrical

COMPUTER SCIENCE/CYBER SECURITY**Grades: 11-12 - Length: 1 or 2 years**

Description: Learn to defend against criminal and terrorist threats. This program is designed to prepare students for a career in the Cyber Security/Information Assurance industry. Successful students are prepared to enter the industry as an entry level IT security administrator. Web based curriculum allows students to advance at their own pace supplementing classroom instruction and hands on labs. The program prepares students for industry recognized certifications.

entry level IT security administrator. Web based curriculum allows students to advance at their own pace supplementing classroom instruction and hands on labs. The program prepares students for industry recognized certifications.

Credits:

.5 Technical English 1.0 Science
1.0 Math .5 Occupational Elective

Year-long course must be completed to be eligible for English, Math or Science Credits.

IN THIS PROGRAM YOU WILL:

- ✓ Learn hardware, networking and software including Linux and CISCO.
- ✓ Participate in Cyber Patriot and Amazon Web Services Project STEM.

Certification Opportunities:

CompTIA A+, Network+, Security+, Linux.

College Credits Available: 10 Credits

Career Opportunities: Programmer • Systems Engineer

Intelligence Analyst • Network Security Consultant •

Software Developer

**PROGRAM PATHWAY****Helpful High School Classes**

Algebra | Geometry | Intro to Computer Programming/Computer Applications

**Tri-Tech Skills Center Program**

Computer Science | Cyber Security for 1 or 2 years

**Direct to Industry**

Entry level positions in network administration.

**Related Post-Secondary Programs
CBC and WSU-Tri-Cities**

Cyber Security | Computer Science | Computer Animation



CONSTRUCTION TRADES

Grades: 11-12 - Length: 1 or 2 years



Description: If you like to build things, the Construction Trades program may be right for you. Be part of the construction process at a residential worksite for Habitat for Humanity. The program provides a foundation in basic residential and commercial construction while preparing students for a successful career as a skilled craftsman, construction manager, architect, or engineer.

IN THIS PROGRAM YOU WILL:

- ✓ Learn worksite safety.
- ✓ Learn to safely use hand and power tools.
- ✓ Learn to read blueprints and understand building codes.
- ✓ Work independently and in teams in all aspects of construction including framing, roofing, concrete, plumbing and wiring.

Credits:

.5 Technical English

1.0 Math (Geometry)

1.5 Occupational Elective

Location: Tri-Tech Skills Center & off-site construction locations.

Students responsible for transportation.

Year-long course must be completed to be eligible for Technical English and Math Credits.

OVER 600 AREA HIGH SCHOOL STUDENTS ATTEND THIS ANNUAL EVENT AT THE FAIRGROUNDS



Certification Opportunities:

OSHA 10/30, Forklift Operator, First Aid, CPR, Aerial Lift Operator.

College Credits Available: 25 Credits

Career Opportunities: Skilled Craftsperson
Contractor • Construction Management • Surveyor
Architect • Engineer



PROGRAM PATHWAY

Helpful High School Classes

Algebra | Geometry | CADD | PE | Carpentry



Tri-Tech Skills Center Program

Construction Trades for 1 or 2 years



Direct to Industry

Straight to work with numerous local employers and apprenticeships (carpentry, electrical, laborers, sheet metal, welding).



Related Post-Secondary Programs

CBC, WSU-Tri-Cities, Perry Tech

Architecture | Construction Management | Electrical or Mechanical Engineer | Industrial Technology



TRI-CITIES CONSTRUCTION CAREER DAY

Tri-Cities Construction Career Day showcases careers in construction and related industries. Students operate heavy machinery and participate in hands-on activities.



COSMETOLOGY

Grades: 11-12 - Length: 1 or 2 years



PROGRAM PATHWAY

Helpful High School Classes

Biology | Chemistry | Art
Anatomy & Physiology



Tri-Tech Skills Center Program

Cosmetology for 1 or 2 years



Related Post-Secondary Programs

Victoria's Academy of Cosmetology

Description: Are you a trendsetter? The cosmetology program will teach you the technical skills you need as well as the professional skills you need for a successful career in the industry. Licensing requirements consist of theory and practical application of theory. Instruction and application-based learning in the program include training in basic cosmetology services such as shampooing, scalp and hair analysis/treatment, hair cutting and trimming, removal and trim of facial hair and thermal, wet, and dry styling. Students will be required to purchase supply kits. Students will have to continue into the adult programs to complete their Washington licensure requirements.

IN THIS PROGRAM YOU WILL:

- ✓ Express individual creativity using the latest technology, trends, and name-brand products.
- ✓ Use modern techniques to provide hair, nail, and skincare services in an actual salon setting.
- ✓ Visit the Tri-Tech website for details on uniform and kit pricing.

Credits:

.5 Technical English
1.0 Lab Science
1.0 Visual Art
.5 Occupational Elective

Location:

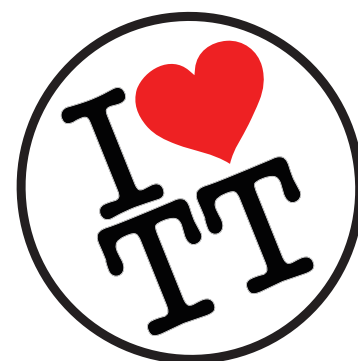
Victoria's Academy of Cosmetology
23 W. 1st Ave., Kennewick
Students responsible for transportation.

Year-long course must be completed to be eligible for English, Visual Art or Lab Science Credits.

Sessions: AM 8am-10:30am | PM Noon-3pm

Certification Opportunities: Preparation for Washington State Cosmetology exam (additional adult program hours required).

Career Opportunities: Licensed Cosmetologist
Barber • Esthetician • Salon Owner



CULINARY ARTS

Grades: 11-12 - Length: 1 or 2 years

Description: Do you enjoy cooking and wonder what it would be like to have a career in the hospitality industry? This fast-paced program will get students ready to work in restaurants, hotels, and resorts. Successful students are in high demand and are well prepared to go directly to work or to one of the area's culinary institutes for additional training. After hours caterings are required for the course. Professionalism in the kitchen is a key element of all learning.



Credits:

- .5 Technical English
- 1.0 Visual Art
- .5 Math
- 1.0 Lab Science

Year-long course must be completed to be eligible for English, Math, Lab Science or Visual Art Credits.

IN THIS PROGRAM YOU WILL:

- ✓ Craft amazing and fun foods using flames, knives, and creative chemistry utilizing classic and contemporary techniques.
- ✓ Cook alongside experienced chefs in a real work environment using commercial kitchen tools while practicing safety and sanitation.
- ✓ Plan events with hospitality professionals to provide high quality dining experiences while running a coffee shop.

Certification Opportunities: ServSafe, American Culinary Federation, Junior Culinarian Certification.

Credits Available: Up to 21 Credits

Career Opportunities: Chef • Pastry Chef, • Line Cook, Restaurateur • Dietician

PROGRAM PATHWAY



Helpful High School Classes

Biology | Algebra | Foods and Food Science | Art



Tri-Tech Skills Center Program

Culinary Arts for 1 or 2 years



Direct to Industry

Straight to work in local restaurants, bakeries, wineries and hotels.



Related Post-Secondary Programs Walla Walla Community College and WSU

Wine Country Culinary Institute | Hospitality Business Management | Viticulture and Enology

Former Kamiakin student, Luke Mauth, is working in New York City



Luke Mauth, a 2016 Kamiakin graduate and 2018 Oregon Coast Culinary Institute graduate is completing his 6th year in New York City.

Luke is a vital team member of one of the city's most celebrated restaurants, ARDYN, where fresh ingredients are at the forefront of modern techniques.

On a recent appearance at Tri-Tech as a guest chef, Luke expressed that helping open a new restaurant was amazing and helping in menu development was the highlight but challenging because of the focus on locally sourced, farm to table ingredients which necessitates constantly creating new dishes.



DENTAL ASSISTING

Grades: 11-12 - Length: 1 year

Description: Start a career making beautiful smiles in the Dental Assisting program. Learn alongside dental professionals to ensure patients receive outstanding treatment. Be prepared for employment after high school or additional education to become a dental hygienist or dentist. Internships available to qualified students. Seniors will have priority placement.

IN THIS PROGRAM YOU WILL:

- ✓ Perform a wide range of dental office operations including x-rays, chair side assistance and instrument transfer.
- ✓ Mix cements, sealers, take oral impressions, and learn sterilization and disinfection procedures.
- ✓ Learn oral anatomy, medical terminology, and charting.
- ✓ Students must be able to communicate well with others and work independently in diverse environments as a team member.

Credits:

.5	Technical English	Year-long course must be completed to be eligible for the English, or Lab Science Credits.
1.0	Lab Science	
1.5	Occupational Elective	

Certification Opportunities: 7-hour HIV, AIDS Certification, BLS, First Aid, Registered Dental Assistant.

College Credits Available: 24 Credits

Career Opportunities: Dental Assistant • Sterile Technician • Dental Receptionist • Dental Hygienist • Dentist • Dental Sales



PROGRAM PATHWAY



Helpful High School Classes

Biology | Anatomy & Physiology



Tri-Tech Skills Center Program

Dental Assisting for 1 year



Direct to Industry

Straight to work as a Dental Assistant, Hygiene Assistant or Sterile Technician.



Related Post-Secondary Programs

CBC, Yakima Valley College and Eastern Washington University

Dental Hygiene | Dentist

WHY ATTEND TRI-TECH?

GET A HEAD
START
AT TRI-TECH

CTE Graduation Pathway
Professional & Technical Training
High Demand Career Preparation
Competitive Advantage
High School Credits
College Credits
Industry Certifications
Internships
Scholarships

DIESEL TECHNOLOGY

Grades: 11-12 - Length: 1 or 2 years

Description: If you are fascinated by large trucks and off-road, heavy equipment, here is your chance at a high demand, highly paid career. The employment outlook for diesel technicians is outstanding as the demand far exceeds the supply of qualified individuals. Paid summer internships available for qualified students.

IN THIS PROGRAM YOU WILL:

- ✓ Diagnose, maintain, and repair a wide range of vehicles alongside ASE Master Technicians.
- ✓ Work with advanced diagnostic equipment to troubleshoot and repair complex diesel systems.
- ✓ Learn about hydraulics, air systems, brakes, electrical systems, and transmissions.

Credits:

.5 Technical English	.5 Science
.5 Math	1.5 Occupational Elective

Year-long course must be completed to be eligible for English, Math or Science Credits.

Certification Opportunities: Automotive Service Excellence Student Certification.

College Credits Available: 16 Credits

Career Opportunities: Diesel Technician • Ag Mechanic • Heavy Equipment Technician • Sales



PROGRAM PATHWAY



Helpful High School Classes

Algebra | Geometry | Physics



Tri-Tech Skills Center Program

Diesel Technology for 1 or 2 years



Direct to Industry

Employment with local dealerships and other repair facilities.



Related Post-Secondary Programs

CBC, Walla Walla Community College

Diesel Technology | Auto Systems | Welding
HVAC | Electrical

**GET A HEAD
START
AT TRI-TECH**

✓
**LEARN TO
WORK ON ALL
TYPES OF ENGINES**

DIGITAL ARTS & FILMMAKING

Grades: 11-12 - Length: 1 or 2 years

Description: Visual Students who enjoy the creative process will thrive in this application-based learning program. The Digital Arts & Filmmaking Program will help students get a jump start into an exciting career in digital media, such as graphic design, social media, or film production. Students will design and produce their own graphic materials and films. They will also be introduced to interactive marketing and the role that digital media plays in a successful business. Qualifying students will have to opportunity to job shadow and intern at local multimedia companies, design firms, TV stations or independent production companies. Students will be able to express their personal creativity while developing the ability to conceptualize story ideas and effectively translate these ideas to film productions, graphic design, and marketing.

IN THIS PROGRAM YOU WILL:

- ✓ Develop, produce, and deliver unique video and music projects for TV and commercial broadcast.
- ✓ Design and produce bold visual communications and marketing projects.
- ✓ Work as individuals and in teams to produce a variety of graphic, website and video projects.
- ✓ Utilize industry equipment including Adobe Creative Suite, Mac computers, 4K cameras and a green screen studio.

Credits:

.5 Technical English	Year-long course must be
.5 English	completed to be eligible
1.0 Visual Art	for the Technical English,
1.0 Occupational Elective	English or Visual Art Credits.

Certification Opportunities:

Adobe Certified Expert Program.

College Credits Available: 17 Credits

Career Opportunities: Videographer • 2D/3D Artist • TV Journalist • Producer • Director • Editor • Engineer • Advertising Sales



PROGRAM PATHWAY



Helpful High School Classes

Creative Writing | Drama | Photography | Graphic Design



Tri-Tech Skills Center Program

Digital Arts & Filmmaking for 1 or 2 years



Direct to Industry

Straight to work with local production companies, entrepreneurs or manage social media.



Related Post-Secondary Programs

CBC, WSU Tri-Cities or
Walla Walla Community College

Graphic Design | Marketing | Videography
Digital Marketing | Social Media Management

EARLY CHILDHOOD EDUCATION

Grades: 11-12 - Length: 1 or 2 years

Description: Have you thought about being a teacher? Do you like working with children? You would be perfect for Tri-Tech's Early Childhood Education Program. You will gain application-based experience with preschoolers in individual and group settings. You will be a teacher in our preschool and prepare our young students for their future. Internships available for qualified students.



PROGRAM PATHWAY



Helpful High School Classes

Psychology | Child Development | Creative Writing



Tri-Tech Skills Center Program

Early Childhood Education for 1 or 2 years



Direct to Industry

Straight to work as a preschool assistant, daycare staff or K-12 paraprofessional.



Related Post-Secondary Programs CBC or WSU Tri-Cities

Early Childhood Education | K-12 Education
Social Worker | Nurse

IN THIS PROGRAM YOU WILL:

- ✓ Learn the developmental stages of pre-school children.
- ✓ Learn how to create age-appropriate lessons and how to work with young children.
- ✓ Work in the only laboratory preschool in the Tri-Cities area.

Credits:

.5 Technical English

2.5 Occupational Elective

Year-long course must be completed to be eligible for the Technical English Credit.

Certification Opportunities: STARS Certification, Food Worker's Card, First Aid, CPR, 7 Hour HIV, AIDS Certification.

College Credits Available: 24 Credits

Career Opportunities: Elementary Teacher • Preschool Teacher • Teacher's Aide • Social Worker • Child Psychologist

Tri-Tech staff and students built this float for the City of Kennewick Parks and Recreation and won the Numerica Credit Union Best Float prize.

**WE LOVE OUR
COMMUNITY**



FIRE FIGHTING & EMERGENCY MEDICAL SERVICES

Grades: 11-12 - Length: 1 or 2 years



Description: Do you get an adrenaline rush when you see the red lights of a fire truck? Do you want a career that helps others in your community? If you are a hardworking team player, a career in the Fire Service might be just right for you. Students will focus on Fire Service orientation including the teamwork and leadership skills required to be successful in this field of work. This application-based learning class will also focus on structural firefighting skills and knowledge needed to help prepare for the fire academy and earning IFSAC FF 1 certification. In the Emergency Medical Services section, students will participate in the Emergency Medical Responder (EMR) National Certification program. This will help prepare them as an Emergency Medical Technician (EMT) to work on an ambulance crew. The final focus will be on wildland fire-

fighting. This certification will prepare them to work as a wildland firefighter. Select individuals can apply for 2nd year. Students must provide transportation to off-site locations.

IN THIS PROGRAM YOU WILL:

- ✓ Learn about structural and wildland firefighting and the emergency medical system.
- ✓ Use state of the art equipment and facilities including an onsite training tower and fire engine.
- ✓ Work alongside members of our local agencies.
- ✓ Develop the teamwork, leadership, mental and physical skills necessary to be successful in the fire service.

Credits:

.5 Technical English	Year-long course must be completed to be eligible for the Technical English, Fitness or Science Credits.
1.0 Fitness	
.5 Science	
1.5 Occupational Elective	

Certification Opportunities: Wild Land Firefighting Certifications, BLS and First Aid Certification.

College Credits Available: Up to 12 Credits

Career Opportunities: Firefighter • Paramedic • Smoke Jumper • Emergency Medical Technician • 911 Operator

PROGRAM PATHWAY



Helpful High School Classes

Health | Math | Chemistry | Physics | PE



Tri-Tech Skills Center Program

Firefighting and Emergency Medical Services for 1 or 2 years



Direct to Industry

Straight to work as a Volunteer Resident Firefighter, US Forest Service, Dept. of Fish and Wildlife and Private Wildland Firefighting companies.



Related Post-Secondary Programs CBC, Walla Walla, Eastern Oregon or University of Alaska Fairbanks

Fire Service | Emergency Medical Technician | Paramedic



HIGH WAGE, HIGH DEMAND CAREERS START HERE... FREE!

	PROGRAM	CERTIFICATIONS	COLLEGE CREDITS	HIGH SCHOOL CREDITS	
1	Auto Body Technology (1 or 2 years)	ASE, Forklift Operator, Aerial Lift Operator	23 Credits	0.5 Tech English 2.5 Occ. Elective	
2	Auto Systems Technology (1 or 2 years)	ASE, Career Launch Endorsed, ITAC youth apprenticeship	14 Credits	0.5 Tech English 0.5 Science 1.5 Occ. EL.	0.5 Math
3	Computer Science/ Cyber Security (1 or 2 years)	Amazon Web Services, Edhesive in Python	10 Credits	0.5 Tech English 1.0 Math	.5 Occ. EL. 1.0 Science
4	Construction Trades (1 or 2 years)	OSHA 10/30, Forklift Operator, Aerial Lift Operator, CPR, First Aid	25 Credits	0.5 Tech English 1.0 Math 1.5 Occ. EL.	
5	Cosmetology (1 or 2 years)	Washington State License	N/A	0.5 Tech English 1.0 Lab Science 0.5 Occ. EL.	1.0 Visual Art
6	Culinary Arts (1 or 2 years)	American Culinary Federation, Serve Safe	21 Credits	0.5 Tech English 0.5 Math	1.0 Visual Art 1.0 Lab Science
7	Dental Assisting (1 year)	Registered Dental Assistant, DANB Radiology & Infection Control Exams	24 Credits*	0.5 Tech English 1.0 Lab Science 1.5 Occ. EL.	
8	Diesel Technology (1 or 2 years)	ASE, Career Launch Endorsed, ITAC Youth Apprenticeship	16 Credits	0.5 Tech English 0.5 Science 1.5 Occ. EL.	0.5 Math
9	Digital Arts & Filmmaking (1 or 2 years)	Adobe Creative Suite	17 Credits	0.5 Tech English 1.0 Visual Art	0.5 English 1.0 Occ. EL.
10	Early Childhood Education (1 or 2 years)	STARS Certification CPR, First Aid	24 Credits	0.5 Tech English 2.5 Occ. EL.	
11	Firefighting & Emergency Medical Services (1 or 2 years)	Wildland Certification, EMR, BLS, First Aid, Forklift Operator, Aerial Lift Operator, Career Launch Endorsed	12 Credits	0.5 Tech English 0.5 Science 1.0 Fitness 1.0 Occ. EL.	
12	Law Enforcement (1 year)	First Aid, CPR, NIMS 100	15 Credits	0.5 Tech English 0.5 Science, 1.0 Occ. EL.	1.0 Fitness
13	Pre-Electrical (1 or 2 years)	OSHA 10/30, Forklift Operator, Aerial Lift Operator, CPR, First Aid	3 Credits	0.5 Tech English 1.0 Math 0.5 Occ. EL.	1.0 Science
14	Pre-HVAC-R (1 or 2 years)	OSHA 10/30, Forklift Operator, Aerial Lift Operator CPR, First Aid	3 Credits	0.5 Tech English 1.0 Science 0.5 Occ. EL.	1.0 Math
15	Pre-Nursing (1 year)	Certified Nursing Assistant, BLS, First Aid	13 Credits**	0.5 Tech English 0.5 English 1.0 Lab Science.	0.5 Health 0.5 Occ. EL.
16	Pre-Physical Therapy (1 or 2 years)	BLS, First Aid, Certified Kinseio Taping Practioner	23 Credits	0.5 Tech English 0.5 Health	1.0 Lab Science 1.0 Fitness
17	Pre-Veterinary Technician (1 or 2 years)	Pet CPR, First Aid	2 Credits	0.5 Tech English 1.0 Lab Science	1.5 Occ. EL.
18	Radio Broadcasting & Audio Production (1 or 2 years)	Zetta, GSelector, Adobe Audition	5 Credits	.5 English, 1.0 Visual Art	.5 Tech. English 1.0 Occ. EL.
19	Video Game Design (1 or 2 years)	Unity Software Certified User	5 Credits	0.5 Tech English 1.0 Visual Art	1.0 Math 0.5 Occ. EL.
20	Welding Technology (1 or 2 years)	AWS SENSE Certification, OSHA 10/30, Forklift Operator, Aerial Lift Operator	16 Credits	0.5 Tech English 0.5 Math	0.5 Science 1.5 Occ. EL.

The Kennewick School District provides equal access to all programs and services without discrimination based on sex, race, creed, religion, color, national origin, age, honorably discharged veterans or military status, sexual orientation, including gender expression or identity, the presence of any sensory, mental or physical disability, or use of trained dog, guide or service animal by a person with a disability, and provide equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions or complaints of alleged discrimination: Civil Rights & Equity: Douglas Christensen (509) 222-5010 (doug.christensen@ksd.org) and Section 504, Title IX: Rhonda Pratt (rhonda.pratt@ksd.org)

Equivalency credits are granted after successful completion of 2 semesters.

* 1 point towards admission to CBC Dental Hygiene Program

** 2 points toward admission to CBC Nursing Program



LAW ENFORCEMENT

Grades: 11-12 - Length: 1 year

Description: Do you love to watch CSI, or do you want to serve your community? Learn about the criminal justice system and the many career opportunities. You can participate in numerous community service activities.

IN THIS PROGRAM YOU WILL:

- ✓ Learn the leadership and personal traits that are required for a successful career in law enforcement.
- ✓ Interact with law enforcement professionals and learn how they use their tactical knowledge and skills to keep your community safe.
- ✓ Apply forensic investigative techniques to process crime scenes, dust for fingerprints, bag evidence and interrogate suspects.
- ✓ Experience hands-on training in self-defense, defensive driving, firearm safety, and arrest techniques.

Credits:

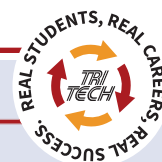
.5 Technical English	Year-long course must be
1.0 Fitness	completed to be eligible
.5 Science	for the Technical English,
1.0 Occupational Elective	Fitness or Science Credits.

Certification Opportunities: NIMS 100, First Aid and CPR Certification.

College Credits Available: 15 Credits

Career Opportunities: EMS Dispatcher State, Local Federal and Military Law Enforcement • Attorney

PROGRAM PATHWAY



Helpful High School Classes

US History | Psychology | Sociology | Physical Education



Tri-Tech Skills Center Program

Law Enforcement for 1 Year



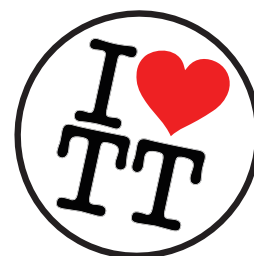
Direct to Industry

Straight to work as a corrections officer or military, military reserves.



Related Post-Secondary Programs CBC or WSU Tri-Cities

Criminal Justice | Forensics | Psychology



Nearly all programs offer some type of off-site activities including job shadows, internships, clinical rotations, volunteer activities and fitness training.

Students will be responsible for their own transportation to these activities.



PRE-ELECTRICAL

Grades: 11-12 - Length: 1 or 2 years

Description: Electricity, often taken for granted, is what makes our modern world function. Trained electricians make that world work and are in extremely high demand. If you want to learn in an application-based environment, this program may be just for you.

IN THIS PROGRAM YOU WILL:

- ✓ Learn about residential and commercial electrical codes.
- ✓ Learn about wiring and motor controls.
- ✓ Learn electrical theory and blueprint reading.

Credits:

.5 Technical English	Year-long course must be
1.0 Math	completed to be eligible for
1.0 Science	the Technical English, Math
.5 Occupational Elective	or Science Credits.

Certification Opportunities: OSHA 10, Forklift Operator, Aerial Lift Operator, First Aid and CPR.

College Credits Available: 3 Credits

Career Opportunities: Apprentice to Journeyman • Electrical Engineer • High Voltage Lineman • Power Plant Operations

“A HIGH DEMAND PROGRAM”
GET A HEAD START
AT TRI-TECH



PROGRAM PATHWAY



Helpful High School Classes

Algebra | Physics | Chemistry | Carpentry | Welding | Physical Education



Tri-Tech Skills Center Program

Pre-Electrical 1 or 2 Years



Direct to Industry

Straight to work with various employers and/or apprenticeships (electrical, laborers, sheet metal, welding).



Related Post-Secondary Programs
CBC, Washington State University, Spokane Community College or Perry Tech
 Architecture | Construction Management | Electrical Engineering | Mechanical Engineering

PRE-HVAC-R**NEW****Grades: 11-12 - Length: 1 or 2 years**

Description: This program provides a head start on a career in the high demand heating, ventilating, air conditioning and refrigeration (HVAC-R) industry. You will learn and apply basic electrical theory, motors and controls, refrigeration theory, gas and electric furnace troubleshooting, air conditioner and refrigeration system troubleshooting, heat pump troubleshooting, and computer based digital controls. Program completers will be prepared for entry-level positions in a rewarding career that is fast paced, challenging, and requires an independent mindset.

IN THIS PROGRAM YOU WILL:

- ✓ Learn the basics related to installation, service and maintenance of furnaces, air conditioners and refrigeration systems.
- ✓ Learn about basic HVAC/R systems, electricity, heating, gas and oil codes, load calculations, coding, refrigeration, duct design and troubleshooting.
- ✓ Learn about the variety of job opportunities working with HVAC/R systems in homes, office buildings, schools, factories, hospitals – and even airplanes and cars.

Credits:

.5 Technical English
 1.0 Math
 1.0 Science
 .5 Occupational Elective

Year-long course must be completed to be eligible for the Technical English, Math or Science Credits.

Certification Opportunities: OSHA 10, Forklift and Aerial Lift Operator, CPR and First Aid Certification.

College Credits Available: 3 Credits

Career Opportunities: HVAC-R Technician • Sales • Industrial Maintenance & Repair • Electrical Engineer • Mechanical Engineer

PROGRAM PATHWAY**Helpful High School Classes**

Algebra | Geometry | Physics | Metals | CADD

**Tri-Tech Skills Center Program**

Pre-HVAC-R 1 or 2 Years

**Direct to Industry**

Straight to work with numerous local employers and apprenticeships (carpentry, electrical, laborers, sheet metal, welding).



**Related Post-Secondary Programs
 at CBC, Spokane Community College or
 Washington State University**

HVAC-R Technician | Mechanical Engineering
 Electrical Engineering | Industrial Design



PRE-NURSING

Grades: 11-12 - Length: 1 year

Description: Are you compassionate, patient and caring? You might have what it takes for a challenging career in the healthcare industry. This program will prepare you to take the Washington State Nursing Assistant certification which can be the starting point for your career in healthcare. Clinical rotations will take place throughout the area, and students are responsible for their own transportation to these sites. A successful DSHS criminal background screening is required. Seniors will be given priority.

IN THIS PROGRAM YOU WILL:

- ✓ Learn nurse aide theory, procedures, and skills.
- ✓ Learn medical terminology, anatomy and physiology, and disease processes.
- ✓ Learn direct patient care focusing on infection control and patient safety.

Credits:

.5 Technical English	Year-long course must be completed to be eligible for the English, Technical English, Health, or Science Credits.
.5 English	
.5 Health	
1.0 Lab Science	
.5 Occupational Elective	

Certification Opportunities: Certified Nursing Assistant, Food Worker's Card, 7-hour HIV, AIDS Certification, BLS and First Aid Certification.

College Credits Available: 13 Credits

Career Opportunities: Nursing Assistant • Registered Nurse • Physician's Assistant • Physician • Physical Therapist • Pharmacist



PROGRAM PATHWAY



Helpful High School Classes
Health | Anatomy & Physiology | Biology



Tri-Tech Skills Center Program
Pre-Nursing 1 year



Direct to Industry
Straight to work as a CNA in a skilled nursing facility or hospital.



Related Post-Secondary Programs
CBC or Washington State University
Medical Assisting | Nursing
Radiologic Technologist | Physician

**GET A HEAD
START
AT TRI-TECH**

**MUST BE ABLE
TO PROVIDE YOUR
OWN TRANSPORTATION
TO CLINICAL SITES.**

PRE-PHYSICAL THERAPY

Grades: 11-12 - Length: 1 or 2 years

Description: Are you interested in physical therapy, sports medicine, or orthopedics? Are you good with people and have strong communication skills? Physical Therapy Aides play a critical role in the delivery of therapy services in a variety of settings. Internships available for qualified students.

IN THIS PROGRAM YOU WILL:

- ✓ Learn innovative orthopedic, neurological, and pediatric rehabilitation techniques.
- ✓ Learn pain management theory.
- ✓ Learn to prepare and maintain therapy equipment.
- ✓ Learn anatomy and physiology, medical terminology, and disease processes.

PROGRAM PATHWAY



Helpful High School Classes

Health | Anatomy & Physiology | Sports Medicine
Physical Education



Tri-Tech Skills Center Program

Pre-Physical Therapy 1 or 2 Years



Direct to Industry

Straight to work as a Physical Therapy Aide or other entry level health care position.



Related Post-Secondary Programs Spokane Falls Community College and Eastern Washington University

Physical Therapy Assistant | Physical Therapist
Athletic Training | Occupational Therapy Assistant
Occupational Therapist

Credits:

.5 Technical English	1.0 Lab Science
1.0 Fitness	.5 Health

Year-long course must be completed to be eligible for the Technical English, Health, or Science Credits.

Certification Opportunities: BLS, First Aid, 7 Hour HIV, AIDS, Kinesiotaping Certification.

College Credits Available: 23 Credits

Career Opportunities: Physical Therapy Aide • Physical Therapy Assistant • Physical Therapist • Occupational Therapist • Orthopedic Physician • Surgical Implant Specialist • Ultrasound Tech



PRE-VETERINARY TECHNICIAN

Grades: 11-12 - Length: 1 or 2 years

Description: A day in the life of a Veterinary Assistant is rarely routine! If you like working with animals and are not afraid of hard work and getting dirty, you can learn the skills to get a job right out of high school as well as be prepared to enter a college veterinary technician program.

IN THIS PROGRAM YOU WILL:

- ✓ Experience the reward of caring for live animals.
- ✓ Work side-by-side with certified professionals in the delivery of quality animal health care services.
- ✓ Explore the science of veterinary medicine including animal control, grooming, clinical procedures, terminology, and disease prevention.

Credits:

- .5 Technical English
- 1.0 Lab Science
- 1.5 Occupational Elective

Year-long course must be completed to be eligible for the Technical English, or Science Credits.

Certification Opportunities: Pet CPR, Pet First Aid.

College Credits Available: 2 Credits

Career Opportunities: Veterinary Assistant • Veterinary Technician • Biomedical Research • Zoo and Wildlife Management • Military Service



PROGRAM PATHWAY

Helpful High School Classes

Biology | Animal Science | Chemistry



Tri-Tech Skills Center Program

Pre-Veterinary Technician 1 or 2 Years



Direct to Industry

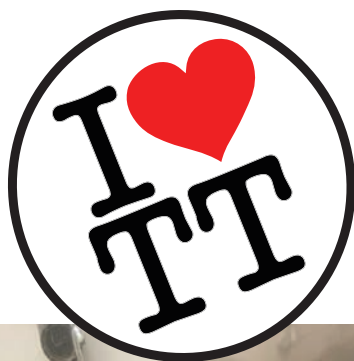
Straight to work as a Veterinary Assistant, Groomer or Boarding Assistant.



Related Post-Secondary Programs

Yakima Valley College and
Washington State University Pullman

Veterinary Technician | Animal Science | Veterinarian



**GET A HEAD
START
AT TRI-TECH**



Marissa Rodriguez

Marissa Rodriguez, a Kamiakin graduate and Pre-Vet Tech Program completer is the West Richland Animal Control Officer. She said her animal handling experience from her class really helps her be successful in her job. She has taken extensive training including animal cruelty. Her job isn't easy but she is proud of her efforts to help protect animals in her community. For example, a husky was a victim of animal neglect until Marissa and a local high school student worked to find her a forever home in Alaska. Providing a head start to a satisfying career is what Tri-Tech is all about.



RADIO BROADCASTING & AUDIO ENGINEERING

Grades: 11-12 - Length: 1 or 2 years

Description: Do you love music? Do you long to be on the radio or run your own podcast? The Radio Broadcasting program may be just the ticket to the career you've always imagined. Internships available.

IN THIS PROGRAM YOU WILL:

- ✓ Create programming for 88.1 The Edge, our student run radio station.
- ✓ Learn to use industry specific technology and equipment.
- ✓ Interact with professionals and performers from the music entertainment industry.

Credits:

.5 Technical English	Year-long course must be
.5 English	completed to be eligible for
.5 Technical English	Technical English, or Visual
1.0 Visual Art	Art Credit.
.5 Occupational Elective	

Certification Opportunities: Zetta, GSelector, Adobe Audition.

College Credits Available: 5 Credits

Career Opportunities: On-Air Host • Promoter • Marketer • Musical Entertainer • Recording Engineer • Podcast Producer



PROGRAM PATHWAY



Helpful High School Classes

Creative Writing | Drama | Marketing | Music



Tri-Tech Skills Center Program

Radio Broadcasting & Audio Engineering
1 or 2 years



Direct to Industry

Employment with local and marketing companies as an On-Air Host, Production Technician, Audio Engineer or Social Media Manager.



Related Post-Secondary Programs CBC and Washington State University

Marketing | Advertising | Murrow School of Communication | Entertainment Industry (radio, film, live productions)



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VIDEO GAME DESIGN

Grades: 11-12 - Length: 1 or 2 years

Description: Interested in pursuing a career in the digital interactive entertainment industry? Creating technology, not just using it, is what the Video Game Design program is all about. This application-based learning course is designed for the student who wishes to become a video game programmer also known as RTIS – real time interactive simulation. Students will learn the programming skills necessary to make video games work and the art and design theory needed to make video games visually appealing. The course will show you how math and written communication are used extensively in the video game industry and introduce you to career opportunities in this field. Students should be successful math students and ready for second year Algebra.

IN THIS PROGRAM YOU WILL:

- ✓ Create original games for web and mobile platforms.
- ✓ Manage game development from idea to finished product.
- ✓ Write dynamic programming code in C# and UNITY.

Credits:

.5 Technical English	1.0 Visual Art
1.0 Math	.5 Occupational Elective

Year-long course must be completed to be eligible for the Technical English, Visual Art, or Math Credits.

Certification Opportunities: Unity Software.

College Credits Available: 5 Credits

Career Opportunities: Computer Programmer • Computer Animator • Computer Software Engineer

PROGRAM PATHWAY



Helpful High School Classes

Algebra | Geometry | Physics | Art
2D/3D Animation



Tri-Tech Skills Center Program

Video Game Design 1 or 2 Years



Direct to Industry

Straight to work as a Network Administrator, IT Help Desk, Freelance Artist or Programmer.



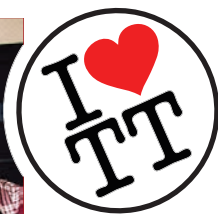
Related Post-Secondary Programs

Washington State University or
Eastern Washington University

Computer Science | Digital Design
Network Administrator

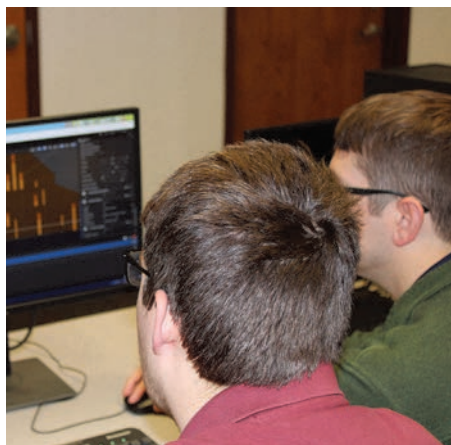
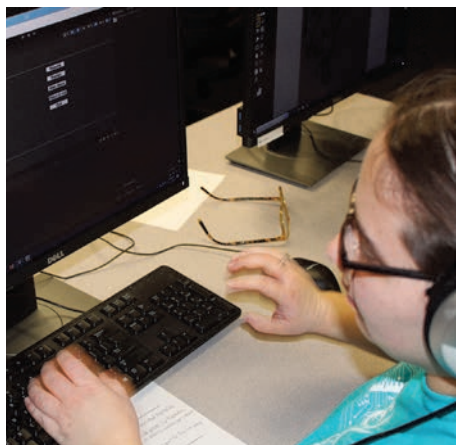


Max Lucas Preston



Congressional App Challenge

The Congressional App Challenge is about solving a problem or making a difference in the environment. Students in our Video Game Design Class entered this competition. Their app is a game called "Clean Streets" and is designed to teach about recycling and the products recycled materials are used for.



WELDING TECHNOLOGY

Grades: 11-12 - Length: 1 or 2 years

Description: If you are independent, creative and have good eye-hand coordination this career may be for you. In this application-based program, students learn the basic skills of oxy-acetylene welding and cutting, shielded metal arc welding, gas metal and flux cored arc welding, gas tungsten arc welding, and many other areas. This program educates students in blueprint reading, shop math, layout and fit-up, and fabrication of a wide variety of projects. Welders are in high demand across a huge variety of industries. Apprentices are needed in sheet metal, ironworking, pipefitting, and boiler making. The program is also a good introduction to students interested in mechanical engineering.

IN THIS PROGRAM YOU WILL:

- ✓ Control fire and electricity to design, construct and repair a wide range of metal products.
- ✓ Develop the skills, confidence, work ethic and stamina required for a career in metal fabrication including blue-print reading, layout and fit-up as well as the math to make it all work.
- ✓ Learn to troubleshoot and creatively solve industry-based challenges.

Certification Opportunities: American Welding Society S.E.N.S.E recognized, OSHA 10/30, Forklift Operator, Aerial Lift Operator.

College Credits Available: 16 Credits

Career Opportunities: Welder • Fabricator • Pipefitter • Machinist • Specialty Auto Bulder

Credits:

.5	Technical English	.5	Science
.5	Math	1.5	Occupational Elective

Year-long course must be completed to be eligible for the Technical English, Math or Science Credits..

PROGRAM PATHWAY



Helpful High School Classes

Algebra | Geometry | Metals | CADD | Carpentry



Tri-Tech Skills Center Program

Welding Technology 1 or 2 Years



Direct to Industry

Straight to work with numerous local employers and apprenticeships (carpentry, electrical, laborers, sheet metal, welding).



Related Post-Secondary Programs

CBC or Washington State University

Welding | Mechanical Engineering
Industrial Design | Materials Science Engineering |
Electrical Engineering | Construction Management |
Project Management



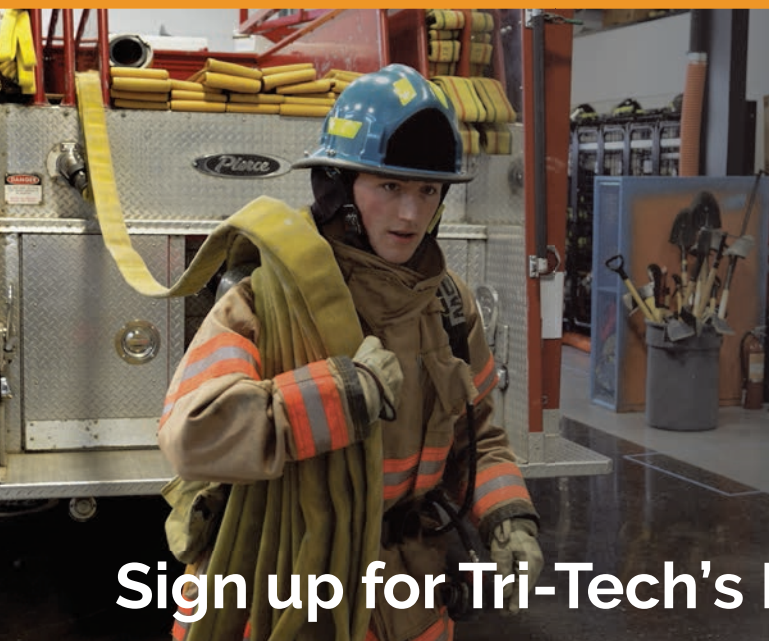
GET A HEAD

START

AT TRI-TECH



WORK TOWARDS
YOUR CERTIFICATION



GET AHEAD, ATTEND OUR

SUMMER ACADEMY

Sign up for Tri-Tech's FREE Summer Academy

TENTATIVE DATES:

June 15 – June 30, 2023

CLASS HOURS:

7:45am – 3:30pm

ONLINE REGISTRATION:

OPENS May 9, 2023 at 3pm
go to - tritech.ksd.org

WHO CAN ATTEND SUMMER ACADEMY:

All students entering 9th through 12th grades

PROGRAM AND CREDIT INFORMATION:

- ✓ Earn 0.5 credit
- ✓ Get graduation requirements completed
- ✓ Check out career possibilities
- ✓ Take one of nearly 20 classes
- ✓ Learn new skills
- ✓ Make new friends

TENTATIVE CLASS OFFERINGS:

Intro to Auto Body Technology & Detailing
Intro to Automotive Systems Technology
Intro to Computer Game Programming
Intro to Cyber Security/Computer Science
Intro to Construction Trades
Intro to Culinary Arts
Intro to Digital Photography & Photoshop
Intro to Digital Video & TV Production
Intro to Firefighting
Intro to Health Careers
Intro to Pre-Electrical
Intro to Pre-Veterinary Technology
Intro to Radio Broadcasting & Audio Engineering
Intro to Welding Technology

All courses earn 0.5 occupational or elective credit unless otherwise noted.

Computer Applications 1
Computer Applications 2
Fiber Arts (0.5 Art Credit)
Food & Fitness (0.5 Fitness Credit)
Interior Design (0.5 Art Credit)
Nutrition & Health (0.5 Health Credit)





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20
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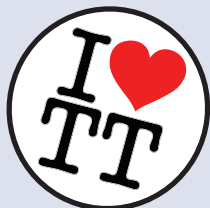
3 HOURS
AT YOUR HIGH SCHOOL
3 HOURS
AT TRI-TECH



TRI-TECH
MEETS YOUR
CTE PATHWAY
TO GRADUATION

WHY ATTEND TRI-TECH?

- CTE Graduation Pathway
- Professional & Technical Training
- High Demand Career Preparation
- Competitive Advantage
- High School Credits
- College Credits
- Industry Certifications
- Internships
- Scholarships



**GET A HEAD
START
AT TRI-TECH**

