

Tech Trek, July 15–18, 2019
Registration Deadline Is June 14
Space is limited. Register Today!

Please complete both sides of this form and mail along with payment to: Mary Johannesen
Southwest Tech
1800 Bronson Boulevard
Fennimore, WI 53809

Or register online:
www.surveymonkey.com/r/SWTCTechTrek19

Participant Info

Participant Name:

Home Address:

Phone:

Email Address:

Circle Grade Entering in the 2019-2020 School Year:

7 8 9

School District:

Circle T-Shirt Size (Adult):

S M L XL 2XL

Payment Info

Payment must be received by the registration deadline to hold your spot in your preferred sessions. If payment is not received by the deadline and there is a waitlist for the session, your spot may be given to another registrant who has paid. **The \$35 registration fee is nonrefundable for cancellations received after July 1, 2019.**

Credit Card Payments: Call 800.362.3322, Ext. 2660

Building a Custom Set of Golf Clubs

(maximum of 14 participants)

Discover how to create a custom-fit set of golf clubs. You will dynamic-fit a guest and find all the requirements to build a set of golf clubs that will match the player's specifications and on-course demands. You will then build the clubs using components that will match those specifications.

Computer Numerical Control

(maximum of 14 participants)

Learn about the precision machining industry including engine lathes, milling machines, drill presses, saws, precision grinders, and computer numerical control equipment. You will work on projects using a variety of materials including wood, metals, and plastics and learn about hand tools, precision measuring, sharpening, and blueprint reading. For your main project, you will use a CNC mill to make a Turner's Cube from aluminum.

What Does the Mighty Eagle See?

(maximum of 20 participants)

You will learn how drones are part of today's agricultural industry. You will have the opportunity to become comfortable with flying, crashing, and using a drone in many different situations. You will also see a real drone and how they can be of benefit to our every changing landscape of agriculture.

Thursday, July 18

The Donut Tower

(maximum of 10 participants)

Who doesn't love fried dough? We'll make both cake-style and raised-style doughs, and show you how to fry, glaze, dip, and fill them to perfection. You'll go home with a boxful of your very own fresh creations!

Garden Art Welding

(maximum of 10 participants)

In this session you will learn weld techniques and put your creative abilities to use by designing a garden art sculpture. Bring in your own material or use what we have available to create your own unique piece of garden art. Please note: You may request to participate in both sessions; however, if session interest is high, repeat participants will not be allowed.

Phone Fun!

(maximum of 16 participants)

Learn proper telephone etiquette in a variety of situations, practicing on actual business phones with other classmates, use common business phone features (e.g., hold, transfer, redial, mute, etc.), and take messages that won't have others laughing at you. The #1 skill that employers in our area request for office management is using the phone properly. Become a Phone Ninja by learning how to properly use this essential business tool!

Introduction to Firefighting

(maximum of 14 participants)

Get an overview of fire service training at Southwest Tech starting with how one is hired by a fire department. Training options and requirements for Wisconsin will be discussed. You will handle firefighting gear and equipment and tour the fire training building. You will also learn how to properly use fire extinguishers to put out a fire.

Carpentry

(maximum of 12 participants)

Participants will learn about various tools and equipment used in construction and how to safely use these in a shop setting. Participants will then utilize construction skills to assemble a blue bird house.

Nursing Assistant Battle Royale

(maximum 20 participants)

Learn how nursing assistants care for patients. Then, by using the airdrop and your new knowledge, you will battle for victory in a duo's challenge. The final round will be in the circle of knowledge. Information addressed in this class will be focused on infection prevention and control with hands on skills lab. The last team standing in the storm will be the winner.

In The Life of Livestock

(maximum of 10 participants)

What does it take to raise livestock today? We will answer that question while learning about animal nutrition, reproduction, and health. You will identify common feeds along with how to test them for quality using our NIR scanner. We will then look at the reproductive track of a cow, view semen under a microscope, practice artificial insemination on Breeding Betsy, and deliver a calf using Miss Southwest Golden Jubilee.

Southwest  Tech

TechTrek



DAY CAMP FOR EXPLORING TECHNICAL CAREERS

FOR STUDENTS ENTERING GRADES 7–9



MONDAY–THURSDAY
JULY 15–18
2019
8:00 AM–12:30 PM



SOUTHWEST TECH
CAMPUS
FENNIMORE, WI

About the Camp

During Tech Trek, students who will be entering grades 7 through 9 in the 2019–2020 school year will participate in fun hands-on, exploratory activities related to technical careers.

The \$35 registration fee includes:

- Hands-on activities lead by Southwest Tech program instructors to increase knowledge of technical careers
- Mid-morning snack each day
- Tech Trek 2019 T-shirt
- Lots of FUN!!!

Please select from the following session choices to customize camp schedule to your interests:

Monday, July 15 – Thursday, July 18

Robot Wars! (maximum of 20 participants)
In teams of four, students will create a remote controlled robot for a competition called VEX “Swept Away”. The students will design and create a robot with mechanisms that push or lift balls under or over a wall. After the robots are assembled, teams will compete against each other to put their robots to the test. Please note: This session meets all four days.

Monday, July 15

Pasta Perfect
(maximum of 10 participants)
This hands-on class is a perfect chance to learn and express creativity through food. We will prepare fun and healthy pasta recipes and pair them with a variety of sauces. Take home a recipe packet and a treat!

Basic Welding
(maximum of 10 participants)
Welding is the most common way of permanently joining metal parts and plasma cutting is used to cut metal into various shapes and detailed designs. In this session, you will use your imagination to create a project of your choice using these techniques. Bring small repair projects from home if you wish. Please note: You may participate in both sessions; however, if session interest is high, repeat participants will not be allowed.

Basic Crime Scene Processing
(maximum of 16 participants)
Learn about basic crime scene processing. This will include evidence search techniques, DNA collection, fingerprint collection and analysis techniques, latent impressions, and processing a mock crime scene.

Lineman Challenge
(maximum of 12 participants)
Learn how to operate a boom truck with a remote and to be a lineman! You will work in crews to build an overhead and underground electrical distribution system from the ground up. You will also learn about tools, gear, and line trade equipment; the many types of knots used on a daily basis; and electrical safety.

Retro Game Pi
(maximum of 12 participants)
The Raspberry Pi is an inexpensive computer about the size of a deck of cards. Set up a Raspberry Pi and complete installations to play retro video game titles. Pi’s are not limited to just being video game consoles, so following the camp, you will be able to use the Pi’s for other purposes. **There is an additional \$20 fee** for this session, which will provide you with a Pi to take home and keep.

Brush Lettering
(maximum of 12 participants)
Love lettering, illustration, and getting your hands dirty? Learn how to bring all those activities together in this fun, creative workshop! You’ll walk away with your own handmade greeting card (to give) and sketchbook (to keep)! This is where calligraphy meets art class.

Exploring the Wonderful World of Nursing
(maximum of 12 participants)
Explore the various careers available in the healthcare field today. During this session you will be able to interact with the patient simulator and learn how SWTC health occupation students utilize simulation to improve their clinical skills. Test your skills learning some hands-on nursing techniques and procedures.

Tuesday, July 16

Pizza, Pizza, Pizza
(maximum of 10 participants)
Stretch your dough and imagination as we guide you through each step in the pizza making process. This totally hands-on class will allow you to demonstrate your inner culinary skills. Zero cooking experience needed!

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Fun in the World of Cosmetology
(maximum of 10 participants)
Learn basic braiding, practice a French manicure and other nail art techniques, and discover how paraffin can be used in skin care and aide in relaxation.

Intro to Auto Tech
(maximum of 14 participants)
Students will participate in lab activities designed to introduce them to practices and procedures common to the auto service industry, including general maintenance practices, electrical system diagnosis and service, and computer diagnosis. They will examine how these systems interact with each other and how to diagnose problems.

Nursing Assistant Battle Royale
(maximum 20 participants)
Learn about Nursing Assistant tasks to care for patients in a diverse population. Using the airdrop, you will be able to battle for victory in a duo’s challenge. The finally round will be in the circle of knowledge. Information addressed in this class will be focused on infection prevention and control, with hands on skills lab. The last team standing in the storm will be the winner.

EMS Introduction
(maximum of 20 participants)
Learn about the duties and skills that emergency medical technicians (EMTs) perform every day to help people in need by participating in various medical and trauma treatment scenarios.

Wednesday, July 17

Smashing Smoothies
(maximum of 10 participants)
In this fun and interactive session you will use imagination skills and explore recipe development while tasting your kitchen creations.

Garden Art Welding
(maximum of 10 participants)
In this session you will learn weld techniques and put your creative abilities to use by designing a garden art sculpture. Bring in your own material or use what we have available to create your own unique piece of garden art. Please note: You may request to participate in both sessions; however, if session interest is high, repeat participants will not be allowed.

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Caring for Children
(maximum of 10 participants)
Looking for a job? Enjoy working with children? This session will provide the basic skills needed to become a babysitter. The course content includes basic child care, home and play safety, accident prevention, and proper handling of emergency situations. You will take home a variety of resources to help you when babysitting.

All sessions will be filled first-come, first serve based on the date that registration and payment is received. Complete both sides and mail or register online: www.surveymonkey.com/r/SWTCTechTrek19

Please rank in order of 1–7 your choices for each day (with 1 being your first choice):

Monday–Thursday, July 15–18

____ Robot Wars

Monday, July 15

____ Pasta Perfect
____ Basic Welding
____ Basic Crime Scene Processing
____ Lineman Challenge
____ Retro Game Pi (add \$20 to the registration fee to purchase a Raspberry Pi for this session)
____ Brush Lettering
____ Exploring the Wonderful World of Nursing

Tuesday, July 16

____ Pizza, Pizza, Pizza
____ Basic Welding
____ Basic Crime Scene Processing
____ Fun in the World of Cosmetology
____ Intro to Auto Tech
____ Nursing Assistant Battle Royale
____ EMS Introduction

Wednesday, July 17

____ Smashing Smoothies
____ Garden Art Welding
____ Brush Lettering
____ Caring for Children
____ Building a Custom Set of Golf Clubs
____ Computer Numerical Control
____ What Does the Mighty Eagle See?

Thursday, July 18

____ The Donut Tower
____ Garden Art Welding
____ Phone Fun!
____ Introduction to Firefighting
____ Carpentry
____ Nursing Assistant Battle Royale
____ In the Life of Livestock