

# TechTrek



## 2024 DAY CAMP FOR EXPLORING TECHNICAL CAREERS FOR STUDENTS ENTERING GRADES 7–9

MONDAY–THURSDAY  
**JULY 22–25**

**SOUTHWEST TECH CAMPUS**  
1800 BRONSON BOULEVARD, FENNIMORE

REGISTRATION/CHECK-IN: 8:00–8:30 AM

SESSIONS: 8:30 AM–12:30 PM\*

MATERIAL FEE: \$40 PER PARTICIPANT

*\*NitroX runs 8:30 a.m.–3:30 p.m. on Monday and Wednesday.  
See session description for details.*

During Tech Trek, students who will be entering grades 7 through 9 in the 2024–2025 school year will participate in fun hands-on, exploratory activities related to technical careers. Camp participants will receive:

- ▶ **Hands-on Activities** led by Southwest Tech program instructors to increase knowledge of technical careers.
- ▶ **Lunch** each day.
- ▶ **Tech Trek 2024 T-shirt.**
- ▶ Lots of **FUN!!!**



### SESSIONS

#### ALL 4 DAYS! JULY 22-25

- NitroX

#### MONDAY, JULY 22

- Basic Crime Scene Processing/Investigation
- Building Trades-Carpentry
- Design and Print Your Own T-Shirt
- Exploration in Surgical Technology
- Gearhead's Tech Time
- Save a Life with CPR
- We Will Get You Moving!
- Welding Is Fun

#### TUESDAY, JULY 23

- Agriculture Surprise
- Building Trades-Carpentry
- Design and Print Your Own T-shirt
- Gearhead's Tech Time
- Love Is In the "Hair"
- The Mighty White Blood Cell
- Welding Is Fun

#### TUESDAY & WEDNESDAY, JULY 23 AND JULY 24

- Youth Entrepreneur: Make a Pitch!

#### WEDNESDAY, JULY 24

- Dental Dynamics
- Exploration in Surgical Technology
- Exploring Fun in Nursing
- Lineman Challenge
- S'more Solar
- Welding Is Fun

#### WEDNESDAY & THURSDAY, JULY 24 AND JULY 25

- Ready, Set, Show!

#### THURSDAY, JULY 25

- Exploring Fun in Nursing
- Firefighting Skills
- Introduction to Babysitting and Childcare
- Lineman Challenge
- S'more Solar
- Small Worlds: Microorganisms and Microscopy
- Welding Is Fun

**SPACE IS LIMITED. RESERVE YOUR SPOT TODAY! [www.swtc.edu/techtrek](http://www.swtc.edu/techtrek)**

Registration deadline is June 24. Material fee is non-refundable for cancellations received after July 8. Full session descriptions, days, and times are available online.

If you need an accommodation to participate, call 608.822.2632 or email [disabilityservices@swtc.edu](mailto:disabilityservices@swtc.edu)



Questions? Contact Mary Johannesen

Career Prep & Dual Enrollment Coordinator

Call 608.822.2367 or email [mjohannesen@swtc.edu](mailto:mjohannesen@swtc.edu)

Southwest Tech is committed to legal affirmative action, equal opportunity access, and diversity of its campus community. [www.swtc.edu/equality](http://www.swtc.edu/equality)  
04-03-24

**Agriculture Surprise**

(max. 10 participants)

The field of agriculture is vast and covers various aspects such as crop cultivation, livestock management, and grain marketing, among others. In this session, you will have the opportunity to learn about one or multiple areas of agriculture. So, come and join us to discover what we have in store for you!

**Basic Crime Scene Processing/Investigation**

(max. 10 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.

**Building Trades-Carpentry**

(max. 10 participants per session)

Learn about Southwest Tech’s Building Trades Carpentry program and the various tools and equipment used in the building construction field. Participants will build a picnic table squirrel feeder from wood.

**Dental Dynamics**

(max. 10 participants)

Learn hands-on about some of the daily responsibilities of a dental assistant. Students in this session must be willing to open their mouths and say “ahh!” Students will role play both the assistant and the patient.

**Design and Print Your Own T-shirt**

(max. 8 participants per session)

Learn how to design a t-shirt like a pro. In this session, you will pick from our asset collection and assemble your own t-shirt design. From there, you will get to print your design and transfer it to a t-shirt using a heat press.

**Exploration in Surgical Technology**

(max. 10 participants per session)

Learn about surgical technology and then do activities in the surgical lab to learn what it is like to work in this profession.

**Exploring Fun in Nursing**

(max. 10 participants per session)

The need for nurses is growing daily. After reviewing basic nursing cares, we will conclude the session with fun group activities and games with prizes for the winners.

**Firefighting Skills**

(max. 10 participants)

Receive an introduction to basic firefighting skills including the operation of various equipment.

**Gearhead’s Tech Time**

(max. 10 participants per session)

Explore the worlds of Auto Tech, Auto Body, and Ag Power. Small engine repair, electrical circuit building, vehicle computer diagnostics, virtual paint booth, NASCAR pit stop simulator, plus more are all on the agenda for this session.

**Introduction to Babysitting and Childcare**

(max. 10 participants)

Learn the do’s and don’ts of taking care of children. This will be a hands-on session where you will make fun take-home activities that can be used when taking care of children.

**Lineman Challenge**

(max. 12 participants per session)

Learn how to operate a boom truck with a remote and to be a lineman! During this session you will build an overhead and underground electrical distribution system from the ground up. What makes it so easily understandable is that short power poles will be installed so you will be constructing the lines at eye level. You will work in crews, learning how teamwork is a big part of a lineman’s day, and how each member of the team depends on others in the crew to get the job done safely and successfully. You will learn about lineman tools, gear, line trade equipment, and the many different types of knots linemen use on a daily basis. You will also learn about electrical safety.

**Love Is In the “Hair”**

(max. 10 participants)

Learn tips and tricks for styling hair! Braiding techniques, messy buns, & the perfect ponytail.



**NitroX**  
(max. 10 participants)

Explore, drive, and race a remote control (RC) Nitro Revo 3.3 truck! Learn fundamentals in Nitro engine troubleshooting, RC steering and suspension, and electronics. On Thursday you will compete in a course race and a 90-foot drag race for the piston cup WIN! **\*This session meets all four days and will have afternoon sessions on Monday and Wednesday** with on-site visits to local automobile dealerships to learn more about the industry and engage in additional hands-on activities related to the field. Transportation will be provided to and from the sites with a return time to campus between 3:00 – 3:30 p.m.

**Ready, Set, Show! (max. 10 participants)**

In this session, you will work hands on with real calves, learning all aspects of getting an animal ready to take to a fair/show. Be prepared to get dirty, as you will wash, clip, feed and lead an animal. No experience, no problem...you will receive plenty of guidance along the way!

**Please note: This is a 2-day session.**

**Save a Life with CPR**

(max. 12 participants)

Students will learn how to perform lifesaving CPR and will have a certification at the end of the session. This will be a combination of classroom and hands on skills.

**S’more Solar: Taste the Benefits of Renewable Energy**

(max. 10 participants per session)

Learn renewable energy fundamentals while building a solar oven and cooking your very own s’mores! This introductory course covers the basics of harnessing radiant heat and electricity from the sun, taught by Southwest Tech’s Sustainable Energy Management instructor who has over five years’ experience in the solar industry. Fire up your thinking caps AND your appetite as you bite into the future of energy. \*S’more ingredients will be provided, please make a note of any food allergies when registering.

**Small Worlds: Microorganisms and Microscopy**

(max. 10 participants)

View items that can’t normally be seen with the naked eye. We will collect samples from around campus to look at under the microscope, while familiarizing ourselves with its parts and how to use it.

**The Mighty White Blood Cell**

(max. 10 participants)

Explore how our body uses white blood cells (WBCs) as part of our immune response to maintain balance and protect us from disease. We will be preparing blood smears and using the microscope to locate and identify WBCs. This is one of the many things that a Medical Laboratory Technician (MLT) does in the clinical laboratory to assist in screening, diagnosing, and treating disease.

**Welding Is Fun!**

(max. 10 participants per session)

Students will learn multiple welding processes as well as plasma cutting. They will make projects with multiple machines and learn how to safely use these machines.

**Youth Entrepreneur: Make a Pitch!**

(max. 10 participants)

Do you find creative ways to solve problems? Have you ever thought it would be fun to own your own business? Do you like convincing people that your ideas are awesome? Youth Entrepreneur: Make the Pitch! is a session where you’ll compete for prizes by coming up with a cool new product that helps people and then share your idea with potential business investors.

**Please note: This is a 2-day session.**