

TechTrek



Southwest Wisconsin
TECHNICAL COLLEGE

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

During Tech Trek, students who will be entering grades 7 through 9 in the 2021–2022 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 2021 T-shirt
- Lots of FUN!!!

MONDAY–THURSDAY

JULY 26–29, 2021

SOUTHWEST TECH CAMPUS, 1800 BRONSON BOULEVARD, FENNIMORE

Registration: 8:00–8:30 am | Sessions: 8:30 am–12:30 pm | Material Fee: \$35 Per Participant



SESSIONS

NitroX	Intro to Early Childhood Care and Activities
StrengthsExplorer	Intro to Fire Service
Gearhead's Tech Time	Mama Mia! Pizza Festa!
Basic Welding	Creating a Fairy Garden
Intro to Stir-Fry Cooking	Lineman Challenge
A Day of Fun in a Salon	Conception to Birth: Exploring the First Nine Months of the Dairy Calf
Exploring the Wonderful World of Nursing	Microscopy
Cookie Baking Extravaganza	Pie Making 101



REGISTER TODAY!

Registration deadline is June 23. Material fee is non-refundable for cancellations received after July 5. Full session descriptions, days, and times are available online. Space is limited, reserve your spot today!

www.swtc.edu/techtrek

If you need an accommodation to participate, call 608.822.2632 or email disabilityservices@swtc.edu

Questions?

Contact **Mary Johannesen**
Career Prep & Dual Enrollment
Coordinator
608.822.2367
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Monday, July 26–Thursday, July 29



NitroX (Max. 10 participants)
Students will have an opportunity to explore, drive and race a remote control (RC) Nitro Revo 3.3 truck. Students will learn fundamentals in Nitro engine troubleshooting, RC steering and suspension and electronics. On Thursday students will compete in a course race and

a 90 foot drag race for the piston cup WIN! Please note: This session meets all four days.

Monday, July 26

StrengthsExplorer (Max. 20 participants)

We are unique because we think in certain ways, feel in certain ways, and behave in certain ways. It's just who we are, and that's good! In the StrengthsExplorer session, students will discover and talk about their greatest talents by identifying the areas or "themes" in which they are found. Learning about your talents can help you grow and build strengths, as well as help you achieve what you want to do in life.

Gearhead's Tech Time (Max. 12 participants)

Participants will 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.

Basic Welding (Max. 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.

Intro to Stir-Fry Cooking (Max. 12 participants)

Session participants will receive instruction regarding food safety, personal hygiene, equipment & utensils use, and the history of stir-fry cooking. They will then create a stir-fry dish following proper weights and measurements, cooking principles, and ingredient information.

Tuesday, July 27

A Day of FUN in a Salon (Max. 10 participants)

Students will have an opportunity to explore areas of the cosmetology industry. Basics in braiding techniques will allow students to get their hands into long-hair manikins to learn basic braiding techniques. Fun with nail art will provide nails and supplies to practice a French manicure and nail art techniques. Other activities may be included as time permits.

Exploring the Wonderful World of Nursing (Max. 10 participants)

During this session, participants will learn about the history of nursing and nursing career opportunities, including a discussion related to salaries. Participants will tour Southwest Tech's Sim Lab and will interact with the hands-on Patient Simulator and anatomage table. The morning will be rounded out with nursing Olympics.

Basic Welding (Max. 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.

Cookie Baking Extravaganza (Max. 12 participants)

Session participants will receive instruction regarding food safety, personal hygiene, equipment and utensils use, and the history of cookie baking. They will then create a variety of cookies following proper weights and measurements, cooking principles, and ingredient information.

Wednesday, July 28

Introduction to Early Childhood Care and Activities

(Max. 12 participants)

In this session participants will learn about child safety and care. Participants will also make age-appropriate developmental activities for use while caring for children.

Intro to Fire Service (Max. 12 participants)

This session will explore the Fire Service as a career and also highlight volunteering. Students will tour the training facilities and see a demonstration of the training props. They will be given the opportunity to learn how to operate portable fire extinguishers.

Mama Mia! Pizza Festa! (Max. 12 participants)

Session participants will receive instruction regarding food safety, personal hygiene, equipment and utensils use, and the history of pizza. They will then create pizza following proper weights and measurements, cooking principles, and ingredient information.

Creating a Fairy Garden (Max. 10 participants)

In this session, participants will turn an everyday container into a magical fairy garden with succulent plants. They will also learn about the importance of proper nutrients in soil, which are needed for healthy plants. As a follow up activity, students will collect soil samples from their home gardens, flower beds, or lawns to send for analysis to UW-Extension in Madison.

Thursday, July 23

Lineman Challenge (Max. 12 participants)

Come operate a truck with a remote control while learning how to be a lineman. This session will allow students to operate a digger derrick truck via remote while building overhead & underground electrical distribution systems from the ground up. What makes it so easily understandable is that short power poles will be installed so the students will be constructing the lines at eye level. Students will work in crews, learning how team work 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. Students will be exposed to lineman tools, gear, line trade equipment, and learn the many different types of knots linemen use on a daily basis. Students will also learn about electrical safety.

How Did We Get Here? Conception to Birth: Exploring the First Nine Months of the Dairy Calf (Max. 12 participants)

Follow the steps of the birthing process in beef and dairy cattle. Hands-on activities will explore an animal's development from conception through to the actual birth of a calf using our state-of-the-art cow birthing simulator.

Microscopy: A Glimpse at a World Too Small to See

(Max. 10 participants)

In this session, students will be able to view items that can't normally be seen with the naked eye. Students will stain their oral microflora and yeast and will also extract DNA from strawberries. Students will receive a recipe for homemade yogurt to take home and try on their own.

Pie Making 101 (Max. 10 participants)

Session participants will receive instruction regarding food safety, personal hygiene, equipment and utensils use, and the history of pie making. They will then create a pie following proper weights and measurements, cooking principles, and ingredient information.