






2023 SkillsUSA University Workshops

SkillsUSA University offers all registered NLSC attendees (both educators and students) a chance to learn directly from industry expert practitioners and gain field-specific skills which they can later incorporate into their classrooms with sessions for all career clusters.



Tuesday, June 20 — 10:30 a.m. to 12 noon

Session	Description	Date/Time	Room	Presenter
Connecting Industry and Education with CareerStarter	<p>Take some work off your plate and learn how to use the new Build Your Future CareerStarter platform. It is a free and easy way to assist students with resume building, career exploration and job matching. The platform also contains metric tracking and communication tools for advisors.</p> <p> Career cluster: Architecture and Construction</p>	Tuesday, June 20 10:30 a.m. to 12 noon	A310	Presenter: NCCER
Commercial Roofing 101	<p>Learn the fundamentals of commercial roofing and the successful career opportunities available on and off a roof. Participants will also learn how to weld a seam of thermoplastic polyolefin (TPO) single-ply roofing membrane.</p> <p> Career cluster: Architecture and Construction</p>	Tuesday, June 20 10:30 a.m. to 12 noon	A313	Presenter: NRCA
The Shift to Electromobility: What Do Technicians Need to Know?	<p>The heavy equipment industry is undergoing a rapid shift to electromobility and alternative power sources. This session will introduce students to new power technologies, key differences with traditional diesel equipment, and understand the skillsets needed to service and maintain electric fleets.</p> <p> Career cluster: Transportation, Distribution and Logistics</p>	Tuesday, June 20 10:30 a.m. to 12 noon	A314	Presenter: Volvo




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Turn Your Class into a Film Crew	<p>Learn to mimic what is done in the film industry and transition film production in your classroom from small groups into one large film crew using the whole class. Participants will be given a role in a hypothetical crew.</p> <p> Career cluster: Arts, A/V Technology and Communication</p>	<p>Tuesday, June 20 10:30 a.m. to 12 noon</p>	<p>A312</p>	<p>Presenter: Christopher Holcomb</p>
One-on-one Virtual Training in Healthcare	<p>Learn about Transfr's Virtual Healthcare Clinic where the clinic simulates the type of training that takes place in a healthcare facility. With one-to-one training from a virtual coach, Transfr replicates an on-the-job environment. Immersive one-on-one training results in higher knowledge retention than video tutorials or slide presentations.</p> <p> Career cluster: Health Science</p>	<p>Tuesday, June 20 10:30 a.m. to 12 noon</p>	<p>A311</p>	<p>Presenter: Transfr Inc.</p>

Join us for POWER HOUR from 12:30 p.m. to 1 p.m. Interactive quizzes, prizes and networking!


Tuesday, June 20 — 2 p.m. to 3:30 p.m.

Five Effective Strategies to Unlock the Power of Classroom Discussion	<p>Class discussions are often used as a tactic to raise student engagement, as an icebreaker activity or to activate students' prior knowledge. Learn how class discussions can also be a rich source of data. Class discussion can increase student learning and help teachers understand and assess student thinking.</p> <p> Career cluster: Education and Training</p>	<p>Tuesday, June 21 2 p.m. to 3:30 p.m.</p>	<p>A310</p>	<p>Presenter: Mandy Green</p>
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<p>Seal Like a Pro: Your Best Bead</p>	<p>With new formulas, chemistry and capabilities, making the wrong choice in sealants can result in mold, leaks, and expensive callbacks to the job. Having proper knowledge of the basic sealing technologies available and their uses is critical to the building trades. Learn about five technologies, where they are best used and their positive and negative characteristics. Proper use of tools and application techniques will also be demonstrated.</p> <p> Career cluster: Architecture and Construction</p>	<p>Tuesday, June 20 2 p.m. to 3:30 p.m.</p>	<p>A313</p>	<p>Presenter: GE Sealants</p>
<p>State of the Trades</p>	<p>Every quarter, BlueRecruit releases the State of the Trades in partnership with Zillow's New Home Construction Division. This document highlights the nation's in-demand skilled trades, certification, education and compensation trends. Learn how to present this data to your students to prepare them for future employment, determine the skills they want to learn and present themselves to employers.</p> <p> Career cluster: Marketing, Sales and Service</p>	<p>Tuesday, June 20 2 p.m. to 3:30 p.m.</p>	<p>A314</p>	<p>Presenter: BlueRecruit</p>
<p>Building and Troubleshooting a Basic Circuit in Commercial Food Equipment</p>	<p>Learn about a new career path for students: commercial food service equipment repair technician. The Commercial Food Equipment Service Association will demonstrate building a basic circuit to show how commercial cooking equipment works and how to troubleshoot it.</p> <p> Career cluster: Science, Technology, Engineering and Mathematics</p>	<p>Tuesday, June 20 2 p.m. to 3:30 p.m.</p>	<p>A312</p>	<p>Presenter: Commercial Food Equipment Service Association</p>




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<p>How to Establish an Effective CTE Advisory Committee</p>	<p>Learn useful tips on how to select and recruit advisory board members who will be effective for your program/district. Arrange meetings that will have the most value for you, your students and your board members. What should your expectations be? How can you provide value to your board members and students? What should you consider when planning meetings? See how an effective advisory board benefits your students, your program, your community and local business and industry.</p> <p> Career cluster: Transportation, Distribution and Logistics</p>	<p>Tuesday, June 20 2 p.m. to 3:30 p.m.</p>	<p>A311</p>	<p>Presenter: ASE Education Foundation</p>
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Wednesday, June 21 — 10:30 a.m. to 12 noon sessions

Session	Description	Date/Time	Room	Presenter/Track
<p>The Top of the Stack: How to Get That First Creative Job</p>	<p>Learn what human resources professionals and hiring managers are looking for in the candidate review process. Learn about what skills are needed in a communications or creative field and what soft skills are needed in an interview. Work through the key points in an inductive learning activity in small groups as a hiring committee to review and select a candidate to submit for a job.</p> <p> Career cluster: Arts, A/V Technology and Communication</p>	<p>Wednesday, June 21 10:30 a.m. to 12 noon</p>	<p>A310</p>	<p>Presenter: Kevin Gragg, Ditch Witch / The Toro Company</p>
<p>Apprenticeship Might Be The Answer</p>	<p>Apprenticeship provides an opportunity to accelerate student's career trajectory, connect education with industry need, and help employers build their future talent. In this session participants will learn about the fundamentals of</p>	<p>Wednesday, June 21 10:30 a.m. to 12 noon</p>	<p>A314</p>	<p>Presenter: Jobs for the Future (JFF)</p>



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	<p>pre-apprenticeship and Registered Apprenticeship, high quality program indicators, and examples from the field.</p> <p> Career cluster: Education and Training</p>			
<p>Fruit Burrito: Grab and Go</p>	<p>This fun and engaging opportunity provides students with a chance to learn how to produce a quick and nutritious meal on-the-go to help them get through their day. In this session, learn about proper handling of a knife, proper cutting board usage and the nutritional value of various fruits.</p> <p> Career cluster: Hospitality and Tourism</p>	<p>Wednesday, June 21 10:30 a.m. to 12 noon</p>	<p>A313</p>	<p>Presenter: Chef James Wiggins</p>
<p>How to Host a “Competition in a Box”</p>	<p>Learn from industry professionals how to use a quiz bowl style learning exercise to reinforce residential plan reading and quantity takeoff skills that employers seek from carpentry and construction management students. Attendees will learn how this exercise can be used in middle or high schools to help prepare students for employment. Attendees will also learn how to start a NAHB student chapter and connect with a local home builders association to access local industry support and professionals for their students’ benefit.</p> <p> Career cluster: Architecture and Construction</p>	<p>Wednesday, June 21 10:30 a.m. to 12 noon</p>	<p>A312</p>	<p>Presenter: National Association of Home Builders (NAHB)</p>
<p>Online OSHA Credentials: Safety in the Workplace</p>	<p>Learn about the CareerSafe program, an online learning experience that’s available any time, from anywhere. From OSHA-authorized safety and health training to employability skills, CareerSafe’s courses are an interactive and engaging solution to advisor professional development needs.</p>	<p>Wednesday, June 22 10:30 a.m. to 12 noon</p>	<p>A311</p>	<p>Presenter: CareerSafe</p>





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	 Career cluster: Education and Training			
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Wednesday, June 21 — 2 p.m. to 3:30 p.m.

The Science Behind the Offset Printing Process	<p>Learn how the offset printing process works through a discussion of the chemistry and physics involved. There will also be a demonstration of ink and water on an aluminum offset printing plate.</p>  Career cluster: Arts, A/V Technology and Communication	Wednesday, June 22 2 p.m. to 3:30 p.m.	A310	Presenter: Jeff Powalisz, Heidelberg USA
Airbrushing for the Ages and Nail Art Techniques	<p>Learn about airbrush makeup and application techniques for different-aged clients as well as how to use and maintain an airbrush system. We will also touch base on nail art and mastering different techniques with various tools to create endless nail design possibilities.</p>  Career cluster: Human Services	Wednesday, June 22 2 p.m. to 3:30 p.m.	A313	Presenter: Teresa Lewis
Integrating Fusion 360 in Your Classroom	<p>Learn the proper setup and use of Fusion 360 in a teaching environment, while highlighting the power of the integrated CNC and additive manufacturing tools. Participants will leave with the confidence to use Fusion 360 as a teaching tool, along with a set of pre-created projects that are plug and play for the classroom.</p>	Wednesday, June 22 2 p.m. to 3:30 p.m.	A314	Presenter: Autodesk



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	 Career cluster: Manufacturing			
Truck Fleet Maintenance and Technology	<p>Learn electrical troubleshooting methods and tools to help locate and correct faults, as well as software using Detroit Diesel Diagnostic Link (DDDL) to navigate a log file to diagnose and repair powertrain related problems.</p>  Career cluster: Transportation, Distribution and Logistics	Wednesday, June 22 2 p.m. to 3:30 p.m.	A312	Presenter: Penske
Building in the Cloud	<p>This session will compare similar tasks in three cloud platforms and touch on computer, networking, security and storage services to see how each platform accomplishes similar goals. Explore ways to prepare students for multi-cloud work environments. Each cloud platform takes its own approach to cloud principles and tasks, but there is consistency across platforms once you know what to look for.</p>  Career cluster: Information Technology	Wednesday, June 22 2 p.m. to 3:30 p.m.	A311	Presenter: Jill West



Thursday, June 22 — 10:30 a.m. to 12 noon

Session	Description	Date/Time	Room	Presenter/Track
Crime Scene Diagramming and Sketching	This session will focus on completing a rough and a final diagram of a mock crime scene for evidentiary and reconstruction purposes. Participants will learn how to	Thursday, June 22 10:30 a.m. to 12 noon	A313	Presenter: Linnell Burton




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	<p>properly document physical evidence on a mock crime scene, take measurements and create a rough sketch.</p> <p> Career cluster: Law, Public Safety, Corrections and Security</p>			
<p>Creating an Employee Driven Career Path in Manufacturing</p>	<p>Learn how to successfully progress as an employee in a manufacturing firm. Participants will learn what it means to leverage internal training and development programs for growth and upward mobility.</p> <p> Career cluster: Manufacturing</p>	<p>Thursday, June 22 10:30 a.m. to 12 noon</p>	<p>A314</p>	<p>Presenter: Vermeer Corporation</p>

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Thursday, June 22 — 2 p.m. to 3:30 p.m.

<p>Engage your students in coding with Minecraft</p>	<p>Coding skills are increasingly important in today's technology-driven world. Learn about coding in Minecraft, a computer science credential program with supporting curriculum. Engage your students in learning while immersed in a favorite game. Learning coding in Minecraft is adaptable to your needs.</p> <p> Career cluster: Information Technology</p>	<p>Thursday, June 22 2 p.m. to 3:30 p.m.</p>	<p>A313</p>	<p>Presenter: Jennifer Brown, Prodigy Learning/ Certiport</p>
<p>Virtual Welding and the Lincoln Electric Education Partner School (LEEPS)/NC3 Program</p>	<p>Learn firsthand how to implement virtual welding and the Lincoln Electric Education Partner School (LEEPS)/NC3 program in the classroom. Participants will leave this session with an understanding of how knowledge and performance align using the Lincoln Electric VRTEX 360 Compact virtual welder and the LEEPS welding curriculum.</p>	<p>Thursday, June 22 2 p.m. to 3:30 p.m.</p>	<p>A312</p>	<p>Presenter: NC3, Lincoln</p>



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	 Career cluster: Architecture and Construction			
The Braid Experience	<p>The Dr. Tiki Method: Knotless Braids and Feed-In Braids with Extensions course is a comprehensive program designed to teach participants how to create knotless braids and feed-in braids using extensions. The course covers everything from the basics of braiding to advanced techniques that are used by professionals in the hair industry.</p>  Career cluster: Human Services	Thursday, June 22 2 p.m. to 3:30 p.m.	A314	Presenter: Tiki Tiki Hair

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