

Stage Technician Education and Development Intensive (STEADI)

Before the curtain rises and before the opening act takes the stage, live event production (LEP) professionals are hard at work behind the scenes.

Live events are larger and more complex than ever before. No matter whether an event is staged in a fixed building or the venue is constructed from scratch in a stadium or amphitheater, production companies need staff who can troubleshoot and for whom safety is a top priority.

Technology has outpaced the ability of the old school on-the-job-training model to keep employees trained sufficiently. If live event production companies are going to continue to raise the bar on the audience experience, crew members must be consistently trained in a culture of safety, problem solving, and effective communication.

Stage Technician Education and Development Intensive

The 10-day (90 hour) Stage Technician Education and Development Intensive (STEADI) prepares participants to meet the needs of employers seeking skilled labor for entry-level stage tech positions in live event productions. STEADI promotes industry safety through guided hands-on instruction taught by industry experts.

The program utilizes cutting edge equipment as well as industry-related facilities to give participants direct on-the-job training and knowledge. The program delivers a hands-on curriculum where participants learn and practice requisite entry-level skills, terminology, basic concepts, shared values, and cultural nuances expected in the complex discipline of live event production.



CURRICULUM OVERVIEW

During their 10 days of training, STEADI students should expect a blend of classroom instruction, hands-on labs utilizing the latest equipment, and practical assessments designed to measure comprehension and problem solving. Field trips will expand exposure to industry facilities and processes. Safety and effective communication are emphasized throughout the curriculum.

STEADI TRAINING SCHEDULE

Day 1-2: Context of Live Event Production

Day 3-4: Entertainment Rigging

Day 5-6: Entertainment Electricity

Day 7-8: Basics of Electricity & Electrical Safety

Day 9: Components of Power Distribution: Supply to Load

Day 10: Setting Up Lighting Systems



Entertainment electrics is a subcategory of live event production. Production electricians must be skilled problem solvers, thinking quickly on their feet while maintaining both event and personal safety. Lighting, audio, and video resources all rely on the expertise of an entertainment electrician.



Students will practice with cables, ropes, pulleys, trusses, and motors commonly used during live event production, learning to manage rigging tasks with safety in mind. They will also gain knowledge of all processes and equipment involved in load-in and load-out.

STEADI also includes Introduction to Entertainment Electrics, which teaches basic electrical theory and skills required of stagehands and production electricians working in live event production. Know how to safely set up power distribution systems for audio, video, and lighting, how to test and monitor the electrical system, and how to identify electrical hazards and safeguard against electrical accidents and injury. The course includes basic power calculations and the design of power distribution systems. Again, emphasis is on safety and best practices. This course covers topics listed in the content outline of the ETCP Entertainment Electrician Certification exam.

Training Facilities

Students will study and gain applied experience within a state-of-the-art event production facility in Las Vegas. This is an unparalleled opportunity for STEADI students to work with the latest lighting, sound, video, and staging technologies.

Training Led by Titans of Live Event Production

Long careers in live event production rigging and electrics have taught instructors Roy Bickel and Richard Cadena how to get complex event setups done safely, on time, and without drama. **Roy Bickel** is a pioneer of the live event production world and has over five decades of experience. He was a founder of the “Disney Riggers” group in the 1960s and worked both Broadway hits and ground breaking touring music events. **Richard Cadena** is a 29-year veteran of stage lighting and the author of four books and innumerable articles on the subject. He has been an ETCP Certified Entertainment Electrician and an ETCP Recognized Trainer since the program began.

Enroll in an upcoming session

The STEADI certificate is scheduled based on expressed demand. To sign up for our information list visit continuingeducation.unlv.edu/catalog/STEADI or call 702-895-3394. Workforce Investment Board grant assistance may be available to those who qualify.

Contact Us

We are happy to answer your questions about any of our programs. Reach UNLV Continuing Education by phone at **702-895-3394** or via email at continuing.education@unlv.edu.