INDSTRY &

Collaboration for Video Curriculum Development
to Support INDSTRY Partner Schools

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smashcut

WHAT IS INDSTRY?

INDSTRY's mission is to build a more **inclusive pipeline** of historically underrepresented, college and career-ready students interested in **the film and television industries.**
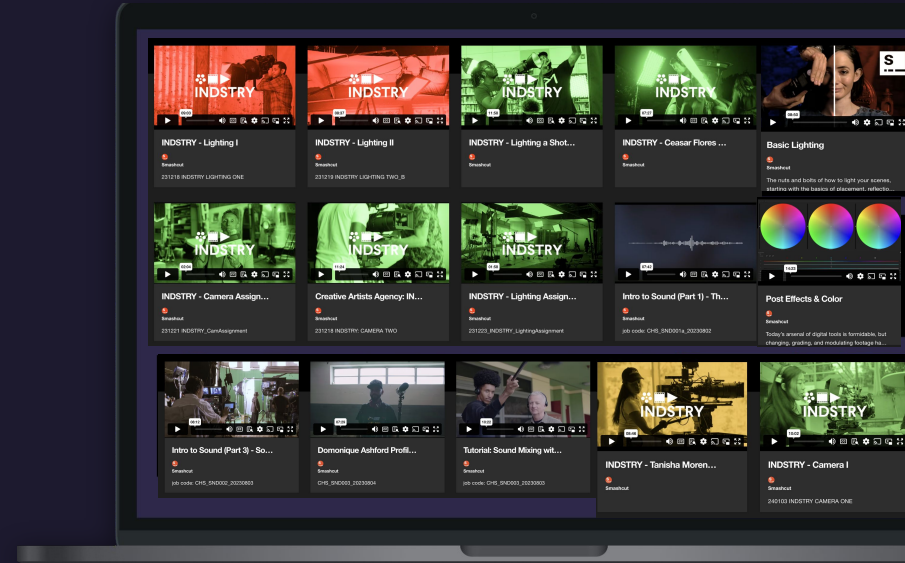
INDSTRY

Watch: What is INDSTRY?

As the initiative scales to **new partner schools** nationwide, a robust, high-quality **video curriculum** is an **essential resource** for students and their teachers.
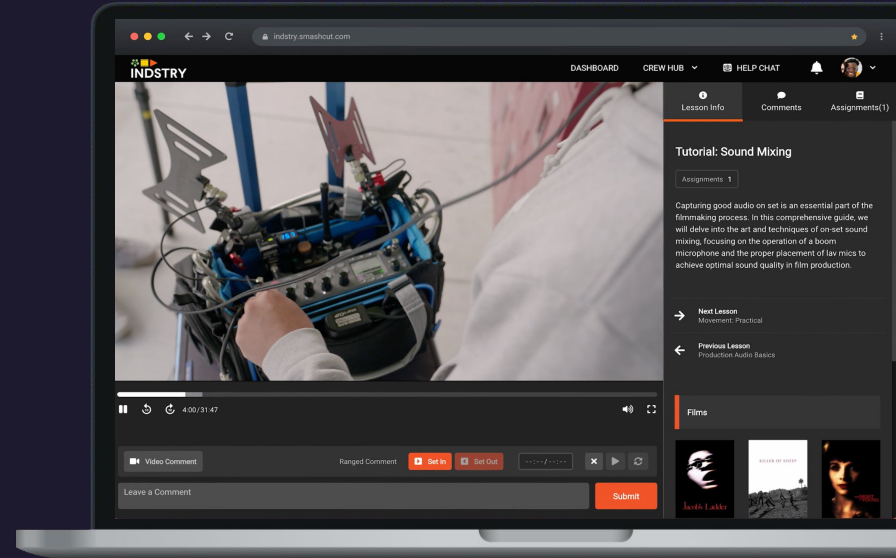
INDSTRY has partnered with Smashcut to produce video curriculum and implement digital learning technology in its partner schools.

Smashcut is a collaborative media-based learning platform integrated with high-production value instructional resources.

Watch: What is Smashcut

THE VALUE OF AN IATSE COLLABORATION

Union involvement will ensure the education materials align with essential on-set skills required for entry-level crew members.

A union-recognized curriculum will offer meaningful skill validation for graduating students and their hiring managers on-set.
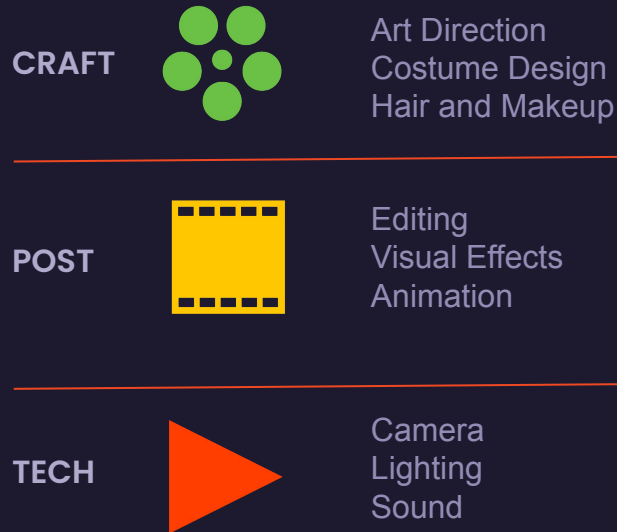
The next phase of video development will focus on seventy-two **short-form tutorials*** within nine **below-the-line pathways.**

These task-based videos are designed to equip students with **essential practical skills** to perform their on-set responsibilities.

CRAFT
Art Direction
Costume Design
Hair and Makeup

POST
Editing
Visual Effects
Animation

TECH
Camera
Lighting
Sound

* Draft Topics in Appendix

HOW IATSE & INDSTRY CAN WORK TOGETHER

- **Video Topic Identification:** Jointly determine the essential on-set tasks within each department.

- **Member Outreach:** Identify East-Coast union members to help determine the topics and demonstrate the tutorials on-camera.

- **Evangelization:** Provide visibility to union members about the overall initiative, to help streamline on-set opportunities for program graduates.

- **Certification:** Consider the creation of a joint IATSE/INDSTRY High School Certificate to provide validation of skills mastery (a high school version of Hollywood CPR).

Road to Production

JULY: Member Recruitment

- Communicate Opportunity to Members (IATSE & INDSTRY)
- Interview Candidates (Smashcut)
- Finalize Member Participants (INDSTRY & Smashcut)

EARLY AUGUST: Content Development/Pre-Production

- Determine Initial Set of Video Topics (Members/Smashcut/INDSTRY)
- Topic Script Development (Smashcut/Members)
- Schedule Initial Members in Studio (Smashcut)

LATE AUGUST: Begin Video Curriculum Production

- Pilot Creative Direction (Smashcut)
- Production at Smashcut Studios and Great Point Studios (Smashcut)

SEPTEMBER TO DECEMBER: Production and Delivery

- Rolling pre-production and production (Smashcut/Members)
- Rolling delivery of content to INDSTRY School Partners (Smashcut)

Appendix

Draft Topics

CAMERA
1. Loading and Unloading Camera Equipment: Handling cameras, lenses, and other gear with care.
2. Assembling Camera Rigs: Setting up cameras on tripods, dollies, or stabilizers.
3. Battery Management: Ensuring all camera batteries are charged and ready for use.
4. Memory Card Management: Formatting, swapping, and managing memory cards.
5. Lens Cleaning and Care: Properly cleaning and maintaining lenses.
6. Slate Operation: Marking scenes and takes with a clapperboard.
7. Cable Management: Handling and securing cables to ensure safety and organization on set.
8. Basic Camera Operation: Understanding fundamental camera settings like ISO, shutter speed, and aperture.

LIGHTING
1. Setting Up Lights: Assisting in the placement and rigging of lights according to the DP's or gaffer's plan.
2. Running Cables and Power: Managing electrical cables and ensuring all lights have power.
3. Adjusting Lights: Making minor adjustments to light position and settings under supervision.
4. Mounting Diffusion: Setting up diffusers to soften light sources.
5. Handling Gels: Applying color gels to lights for color correction or effects.
6. Using Flags and Cutters: Managing light spill and shaping light using flags.
7. Maintaining Equipment: Ensuring all lighting equipment is clean and functional.
8. Following Safety Protocols: Understanding electrical safety on set..

Draft Topics (2)

SOUND
1. Mic Setup: Placing lavalier and boom mics correctly.
2. Cable Management: Ensuring audio cables are neatly run and secure.
3. Sound Levels Monitoring: Watching and adjusting levels during recording.
4. Equipment Maintenance: Checking and maintaining sound equipment.
5. Boom Operation: Handling the boom pole during takes.
6. Syncing Audio: Helping sync sound to picture in post-production.
7. Noise Control: Identifying and minimizing background noise on set.
8. Recording Ambience: Capturing ambient sounds for scenes.

EDITING
1. Ingesting Footage: Importing and organizing media into editing software.
2. Basic Edits: Performing simple cuts and transitions.
3. Syncing Audio and Video: Aligning audio clips with video.
4. Logging Clips: Tagging and logging clip details for easy retrieval.
5. Creating Rough Cuts: Assembling basic sequences to outline the story.
6. Exporting Sequences: Rendering and exporting sequences for review.
7. Using Templates: Applying standard templates for titles and credits.
8. Backup Management: Managing data backups to prevent loss.

Draft Topics (3)

VFX
1. Rotoscoping: Frame-by-frame masking of elements.
2. Cleanup: Removing unwanted artifacts or elements from footage.
3. Green Screen Keying: Extracting clean backgrounds from green screen shots.
4. Tracking: Applying motion tracking to footage for compositing.
5. Rendering: Managing render queues and checking outputs.
6. Asset Cataloging: Organizing and tagging VFX assets.
7. Basic Compositing: Combining multiple elements into a single image.
8. Simulations: Assisting with simple simulations (e.g., smoke, fire).

ANIMATION
1. Character Rigging: Setting up basic rigs for animation.
2. Keyframe Animation: Creating simple animations using keyframes.
3. Rendering: Managing render settings and outputs for animations.
4. Asset Management: Organizing and preparing assets for animation.
5. Lip Sync: Matching character lip movements to audio.
6. Cleanup Animation: Refining animation to remove jitter or errors.
7. Backgrounds: Assisting in creating and setting up backgrounds.
8. Storyboarding: Helping to visualize scenes through storyboards..

Draft Topics (4)

PRODUCTION DESIGN
1. Prop Preparation: Assisting in selecting and preparing props for scenes.
2. Set Dressing: Helping to arrange sets according to the production designer's vision.
3. Sketching and Modeling: Creating basic sketches or models for set designs.
4. Material Sourcing: Gathering materials for set construction and decoration.
5. Set Construction Assistance: Helping build and dismantle sets.
6. Location Clean-Up: Ensuring locations are returned to their original state.
7. Inventory Management: Keeping track of props and set items.
8. Research: Conducting research for historical accuracy or design ideas.

ANIMATION
1. Makeup Application: Applying basic makeup for actors.
2. Hairstyling: Assisting with simple hair styling for cast members.
3. Makeup Continuity: Ensuring makeup continuity during shoots.
4. Hygiene Practices: Maintaining strict hygiene practices with tools.
5. Special Effects Makeup: Assisting with basic prosthetics and special effects.
6. Inventory Management: Keeping track of makeup supplies.
7. Touch-ups: Performing on-set touch-ups between takes.
8. Removing Makeup: Safely removing makeup post-shooting.

COSTUMES
1. Measuring and Fitting: Assisting with costume fittings and taking measurements.
2. Maintenance: Maintaining and repairing costumes as needed.
3. Laundry and Wardrobe Management: Managing the cleaning and organization of costumes.
4. Dressing Actors: Helping actors get dressed and managing quick changes.
5. Continuity: Monitoring costume continuity through scenes.
6. Material Sourcing: Sourcing fabrics and materials for costume construction.
7. Sewing and Alterations: Performing basic sewing and alterations.
8. Inventory Tracking: Keeping track of costumes and accessories.

Thank You.

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