



## HD RED 101 Workshop Outline

[Click here to enroll.](#)

### INTRODUCTION:

#### HD FILMMAKING & DIGITAL JUNGLE POST PRODUCTION

Getting the most from your RED camera by thinking of post production while in pre-production. Digital Jungle Imaging solutions for better RED Camera Operation, Filmmaking and Post-Production.

### SATURDAY

#### SECTION 1: Assembling and building a RED CAMERA Package 10:00am -11:00am

1. Overview of the RED MENU system and directory hierarchy.
2. The RED ONE Camera Body
  - RED lenses
  - Third-party prime lenses:
    - ARRI and Cooke
    - Zoom lenses
    - 16mm lenses
    - Still lenses
  - lens mount adaptors
3. Storage Options
  - REDCF cards
  - RED-DRIVE and RED-RAM
4. Matte Boxes
5. Filters
  - ND filters
  - IR and polarizing filters
  - Diffusion, softening, and color correction filters
6. Follow Focus and Remote Control, Tripods and Camera Support
7. Batteries and Power

8. Cases and Carts
  - Electronic view finder(EVF)
  - On board monitors
  - Studio monitors
  - Routing
  - Monitoring
9. Transfer Equipment
10. Working Within a Budget

**SECTION 2:( DIT) Digital Imaging Technician Overview of the RED as compared to film cameras and other HD cameras. Setting up camera and color charts and Understanding RAW and data files as part of work flow. 11:00am-12:00 noon**

1. Calibration & Color charts and DIT monitor and camera setup,
  - \*Color and Gamma Space
  - \*Color space settings
  - \*Gamma space settings
2. Basic Work-flow procedure from 1st, to 2nd Assistant Camera to DIT.
3. Comparing workflow with the RED in comparison to other HD Cameras and in relationship to traditional film camera assistants.
  - High definition Video
  - Film
4. Exploring the Tape-less Work-flow
5. Exploring the RAW Work-flow. What exactly is REDCODE? It's compressed!!
  - Comparisons with DSLR RAW
  - The REDCODE RAW native camera codec
  - RFD files, folders, and proxies
6. Working with Metadata. Why is META DATA important? How can you use this to find DATA.
7. DATA MANAGEMENT considerations in regards to SEARCH, and STORAGE requirements.

**12:00-1:00pm LUNCH**

**SECTION 3: Defining Your Project 1:00-2:00pm**

1. Project Length
  - Feature films
  - Documentaries
  - Episodic television
  - Music videos
  - Commercials
  - Short films
2. Production Mode
  - Multiple RED cameras
  - Multiple formats
3. Delivery Format

- Delivering in high definition
  - Delivering for a film finish
  - Delivering for the Internet
4. Organizing Your Work-flow

#### **SECTION 4: HD Cinematography & Exposing the Image 2:00pm - 3:00pm**

1. Exposure Concepts and the art of HD filmmaking
  - Working RAW
  - The ASA system
  - Aperture
  - Shutter speed/angle
  - Color temperature
2. External Exposure Tools
  - light meters
  - Waveforms and vector-scopes
  - Using a color chart
3. On board Exposure Tools
  - LOOK settings
  - False color
  - Monochrome
  - Spot meter
  - Histogram
  - Zebras

#### **SECTION 5: Exploring Shooting 3:00-3:45pm**

1. Formats
  - Recording Quality
  - Choosing Resolution
  - 4K
  - 3K
  - 2K
2. Working with Aspect Ratio
  - 2=1
  - 16:9
  - 134
  - Anamorphic
3. Choosing Time Base
  - 24P
  - 24.00
  - 25 136
  - 29.97
4. In-Camera Effects
  - Varispeed

- Ramping

## **SECTION 6: Camera Menu Setup and Camera Tests 3:45pm - 5:00pm**

## **SUNDAY**

### **SECTION 7: Working with Sound 10:00am - 11:00am**

1. Why You Need Good Sound
2. Double-System Sound
3. Audio Equipment Shopping List
  - Microphones
  - Headphones
  - Mic accessories
  - Digital recorders
  - Mixers
4. Working with Timecode
  - 23.98 i/s. 29.97
  - Multi-camera audio
  - Proper slate etiquette
5. Using the Onboard Audio
  - Connections
  - Menus and operation
6. Post-production Audio Tips

### **SECTION 8: Building A DIT KIT and Post-production System 11:00am-12noon**

1. Choosing a Platform
  - Recommended systems
2. Post production Work-flows
  - Offline vs. online editing
  - File formats
  - Finishing RAW vs. 'baked in'
3. Editing Software
  - Apple Final Cut Pro
  - Adobe Premiere Pro
  - Avid
4. Storage Options
  - JBOD
  - RAIDOs
5. Monitor Options

### **LUNCH 12noon - 1:00pm**

## **SECTION 9: Apple Final Cut Pro 1:00pm-2:00pm**

### **Work-flow**

1. System Requirements
2. Ingesting Footage
3. Utilizing Proxies within Editing
4. Color Correcting
  - Sending to Color
  - Using Cinema Tools
5. Sharing with Other Formats
6. Alternate Work-flows
  - The native-wrapped method
  - The proxy method

### **NAVIGATING the Camera Menu System**

- Review of menu set up and checklist of parameters
- Preliminary Camera Written Test, each participant is given a written test of questions regarding RED CAMERA operation and post workflow. On Saturday, each participant is expected to demonstrate proficiency in setting up the menu system.

## **SECTION 10: The RED Camera Post Work Flow 2:00pm-3:00pm**

1. DI Workflow for R3D Native files, discuss proxies.
2. Final Cut Pro & Avid Media Composer
3. R3D native to DPX Files (Digital Picture Exchange) Color Preservation.
4. MXF (Material Exchange Files) Container & Wrapper.
5. Quantel Pablo as a solution to proper conforming for
  - a. Features
  - b. TV
  - c. Commercials
6. Matchback.
7. Conforming.
8. Digital Intermediate & Color Correction etc.
9. Deliverables , 5D, HD CAM SR, DPX > 2K.4K to film output.
10. Various Clips and question and answer.

## **SECTION 11: Archiving Your Media 3:00pm-4:00pm**

1. Archiving in the Field
  - Recommended equipment, G tech mini drives, portable storage etc.
  - Transferring footage, using Apple Utility programs to build DMG. Disk Image.
2. Post-production Archiving
  - Initial setup
  - Selective vs. complete archives
  - Working with tape using KONA and/or BLACKMAGIC
3. Recommended Hardwar

- Tapes
  - Tape libraries
  - Archiving software
  - Software
4. Vaulting Services

**SECTION 12: Camera Menu Overview Test and Operation Test and Setup. 4:00pm - 5:00pm**

**GRADUATION and EXAM:** Each participant is expected to demonstrate proficiency in setting up the menu system and assembling the RED ONE CAMERA.

RED ONE training workshops @ DIGITAL JUNGLE Phone: 323-962-0867 Fax: 323-962-9960  
e-mail: richard@redonecamera.com

Workshop Location:

**DIGITAL JUNGLE POST PRODUCTION STUDIOS**

RED ONE TRAINING WORKSHOPS

6363 Santa Monica Blvd

Hollywood, CA 90038

Companies sending 3 or more people will receive a corporate discount of 10%. Payment: You may pay by check or credit card or use our Google Checkout credit card kiosk at [HDCAMERATRaining.COM](http://HDCAMERATRaining.COM). You will receive registration confirmation within five business days, please copy of online payment receipt and copy of your ID. Please email us if you have any questions.

Additional Information:

Please call 323-962-0867 or email [training@digijungle.com](mailto:training@digijungle.com) for additional information.

Workshop attendance and Cancellation Policy: Workshops are based on first come first served basis. We understand that filmmakers have busy schedules. We do understand that if a project comes up we allow you to opt to take the next workshop or class that would help full fill the certificate requirement. Certificate must be completed with six months of date of first registering, technologies change and as new software and equipment and sensors are introduced, [HDCAMERATRaining.COM](http://HDCAMERATRaining.COM) needs to callibrate the program to addresses these changes. If you are a repeat student, workshops are discounted 50% to help you keep your training up to date and current. If you cancel your registration up to 14 business days prior to the workshop, you will receive a full refund of your registration fee. You may send a substitute if you cannot attend.

Please send request in writing to DIGITAL JUNGLE POST PRODUCTION STUDIOS  
RED ONE TRAINING WORKSHOPS, 6363 Santa Monica Blvd, Hollywood, CA 90038

Mail Registrations to:

DIGITAL JUNGLE  
c/o RED ONE TRAINING WORKSHOPS  
6363 Santa Monica Blvd  
Hollywood, CA 90038

## **RED ONE HD Training Course Registration & Enrollment Policy**

Cost: \$899.00 early enrollment \$999.00 late enrollment

Thank you for your interest in the RED ONE CAMERA TRAINING Los Angeles. We are very excited to have you begin and/or continue your training with us.

### **Refund Policy - Read This Carefully**

Request to withdraw from class must be made via email to [training@digijungle.com](mailto:training@digijungle.com)

All enrollment and withdrawal requests are processed during business hours: Monday through Friday noon-6pm. Withdrawal requests made after business hours, during weekends or holidays will be processed the following business day. Refunds may be issued for core curriculum courses upon student withdrawal under the following provisions:

- A full refund is available only when withdrawal notification is received 3 or more full business days prior to the start of the course.
- Withdrawal from a course with more than 1 but less than 3 full business days prior to the start of course will incur a \$45 administration fee.
- THERE IS NO REFUND AVAILABLE if you request withdrawal less than one full business day before the start of class. Withdrawal requests for weekend classes must be received before the start of business on the preceding Friday.

### **Attendance**

Training is an activity that is best learned in a creative and supportive learning environment. The best way to support yourself and your fellow classmates is to attend all classes. If you cannot.

### **Leaving Early**

Students are expected to be present for the entire class. Leaving more than 30 minutes before the scheduled end time may be considered an absence if student was not present for all class concepts or did not participate in all required exercises.

### **Make-Up Policies**

Students are expected to attend all classes. RED ONE CAMERA TRAINING understands emergencies do happen:

- Make-up classes are available to for RED HD 101 classes only.

- Make-up classes are not mandatory but highly advised.
- Due to limited class capacity, instructor requests and possible scheduling conflicts, make-up classes are not guaranteed and are based on a first come first served basis.
- Each student may only schedule a maximum of one makeup session.

MAKE-UP POLICIES DO NOT APPLY TO STUDENTS ENROLLING IN RED HD 201, HD 301 OR HD 401 CLASSES, SPECIAL WORKSHOPS OR PRACTICE SESSIONS. Due to the nature of these courses, make-up classes are not available.

### **Operating Gear Requirement**

As a student, it is important for you to supplement your class training by operating and using the camera at the TRAINING SESSIONS. In order to graduate to the next level, one of your requirements is for you to actually operating the camera. You will be tested individually by an instructor on menu operation and set protocol and as well as digital imaging technical applications such as inesting, logging and archiving footage. You will NOT be promoted to the next course level if you do not know the basics which requires hand son training.

To make this requirement easier for you, you will receive a HDCAMERATRaining.COM ID. This ID gives you admission and or access to future free workshops or screening to graduates of the program.

ID does NOT guarantee admission to workshops; reservations are still required. In some cases, reservations are not accepted and only stand-by tickets are offered free to students. These instances are noted on the schedule at HDCAMERATRaining.COM

### **Switching Sections**

If your course section has not started and you want to switch into a different section that has also not started, you may do so, but you will be held to the provisions of our refund policy (you may have to pay a monetary penalty to switch). Once your class has started, you cannot switch into a different section.

### **Conduct**

Inappropriate conduct will not be tolerated and will result in suspension and removal from class. Inappropriate conduct includes, but is not limited to: consumption of drugs or alcohol during class, wanton destruction of physical class space, failure to dispose of garbage properly, bringing uninvited guests to class and inappropriate verbal, physical or sexual conduct. Additionally, students are asked to help foster a creative and supportive learning environment without distractions. Students are asked to support their fellow classmates by abstaining from eating in class and talking while students or teachers are talking. Students must also abstain from using electronics in class including cameras, audio/video recording devices and cellular phones (this includes, but is not limited to, reading or writing email and text messages and using the internet).

### **Learning Aids**

Students with alternative learning styles need to get written permission from HD CAMERA TRAINING if they wish to use PDAs, audio recording devices or other learning aids in class.

Students who are approved to use such devices must agree to our specific terms of use. Students requiring special learning aids in class must contact us to arrange a meeting in-person. HD CAMERA TRAINING reserves the right to request medical documentation to support your request.

### **Competency**

Students are not guaranteed promotion onto the next course level. Promotion is contingent on attendance, and the examinations and tests and demonstrating actual competency of the course concepts.

### **Contact Information**

To ensure delivery of class confirmation emails, please add [training@digijungle.com](mailto:training@digijungle.com) to your contacts or address book. We may need to reach you with scheduling or location adjustments during the session. Students are responsible for updating us with any adjustments to contact information.

### **Liability**

You agree that you choose to voluntarily participate in the course with full knowledge that the activity may be hazardous to yourself and/or your property. You voluntarily assume full responsibility for any risks of loss, property damage or personal injury, including death, that may be sustained as a result of participating in the activity. You agree to indemnify and hold harmless DIGITAL JUNGLE, HDCAMERATRaining.COM and its employees, members & volunteers for any loss, liability, damage or costs, including court costs and attorney's fees, that may occur as a result of your participation in the activity. HD CAMERA TRAINING and DIGITAL JUNGLE is not responsible for lost or stolen property.

### **Disclaimer**

HDCAMERATRaining.COM reserves the right to accept or deny any individual's application. HDCAMERATRaining.COM reserves the right to postpone or cancel class if it does not reach a minimum number of students. Fees incurred by student for travel/lodging etc. will not be reimbursed by HDCAMERATRaining.COM, DIGITAL JUNGLE or its affiliates. HDCAMERATRaining.COM reserves the right to replace any teacher at anytime with another equally qualified teacher without notice. Only students who have registered and paid will be allowed in the class. Student guests are not allowed. attend all scheduled classes, we recommend you wait until a course you can fully commit to is available.

HDCAMERATRaining.COM understands that emergencies do happen, unfortunately being absent at the last minute on the day of class starting means you have forfeited your registration and cannot attend remaining classes nor participate in the exit examination. Once removed, if you wish to continue your training you will be required to repeat the level at full tuition price.

### **Tardiness**

Prompt attendance is expected from all students. Arriving late requires the instructor to explain

exercises and concepts again and is considered too disruptive to be allowed.

IF YOU ARRIVE MORE THAN 60 MINUTES LATE YOU WILL NOT BE ALLOWED IN CLASS UNTIL THE FIRST SCHEDULED BREAK OF THE DAY.