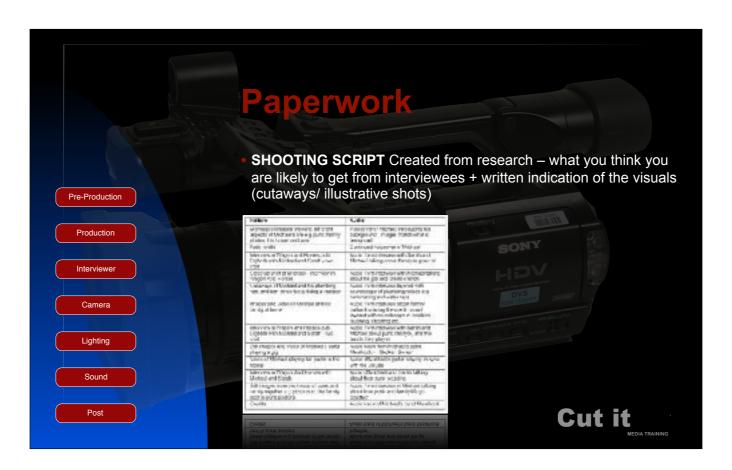


Paperwork TREATMENT: invaluable tool at any step of the way in the filmmaking process. Succinct and descriptive way to get across elements of film to Pre-Production Production Usually 1-2 pages: contain only essential information about project (Sometimes up to 4 pages: include a longer narrative story summary, and more character information). Interviewer Writing well-organised, grammatically correct and exciting and Camera tantalizing to read. Hook reader, get them interested in project: essentially marketing Lighting Help sharpen own ideas & concept of film. Sound Cut it Post

Paperwork TREATMENT: should contain the following elements: Synopsis – short (1 paragraph) description of the broad themes of your project, and its place and time Pre-Production Short description of what happens in the film. Log Line is contained therein: one line description of action in i.e: "Twenty male inmates in a Kentucky prison rehearse and perform Shakespeare's The Tempest over the course of one year." Production Interviewer Main Characters: Who they are & why are they interesting? What do they go through and how do they transform? What do we learn Camera from them? Lighting Sound **Cut it** Post

Paperwork TREATMENT: Story Structure: brief mention of how story will play out structurally, include any interesting or unique elements of Pre-Production storytelling that you plan to implement. Production Style - How will this film look? What's your style? Be specific, use descriptive adjectives and references. (Do this throughout the treatment) Interviewer Format and other production information: What format will Camera shoot on? Film, video? Are there any interesting aspects about the location, timeframe, etc? Lighting **Production Schedule and Timeline** Sound **Cut it** Post







Paperwork

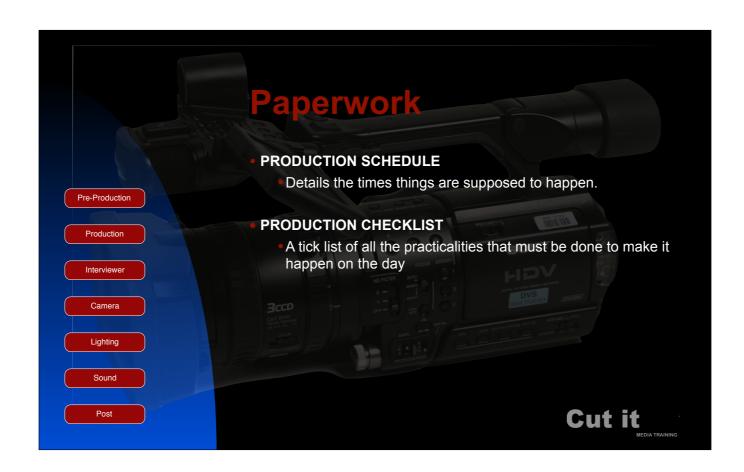
SHOT LIST

- List of Shots Grouped via location
- Allows all shots to be filmed in a location before moving to the next location
- Would include: Shot number, Shot types, Actors, Required equipment, Video camera movements

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Pre-Production RECCE: should include a mass of questions along the lines of: • Where is the best location for the shoot? Pre-Production Where should I be positioning my camera when on the shoot to get all the shots I need? Production What are the lighting conditions – will I need extra lights? Will it be noisy at the time of day I want to shoot? Interviewer Are thee a good time of day to shoot when the venue is not so crowded? Are there sufficient power sockets for the equipment? Camera Lighting Sound Cut it Post



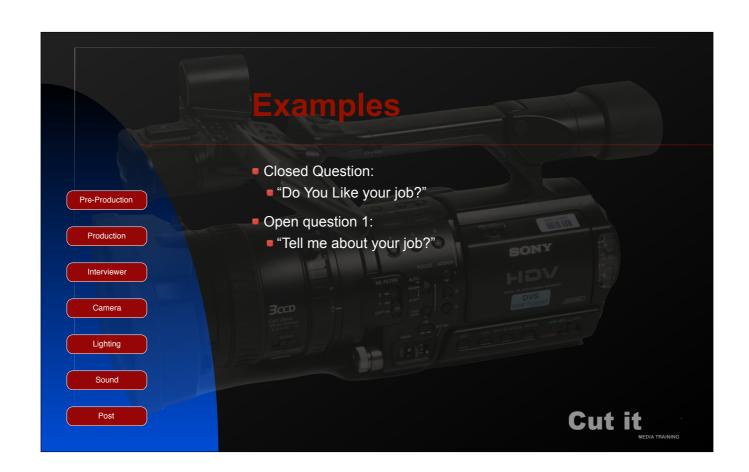
Paperwork PRODUCTION CHECKLIST Transport sorted? Pre-Production Route planned? Telephone numbers for everyone involved including interviewee(s) Production Got money, phone? Interviewer Got all equipment: See equipment check list Batteries charged up? Camera Got enough videotape for the day? (Always over estimate) Worked out where you will eat & when? Lighting Paperwork (Script, storyboard, shot list, camera plan)? Sound Cut it Post



Pre-Production Production Production Interviewer Lighting Post Post Prost Production Skill of the Interviewer Avoid closed questions (With yes/ no answers)Use open & supplementary questions Ask interviewee to repeat question in answer where you do not want to hear the voice of the interviewer Make interviewee feel at ease, explain what you are doing & why If the interviewee I struggling with an answer, suggest leaving it, move onto the next question & come back to it later. Cut it

Interview skills If someone is struggling with a question: Don't be afraid to come back to a question later Pre-Production Always be encouraging Don't be afraid to ask a question twice Production Pause after first answer if you think the interviewee might have Interviewer more to say Get the interviewee to repeat the question in the answer for key Camera questions Lighting Sound Cut it Post





Interview skills Pre-Production Production Production Interviewer Camera Lighting Sound Post Interview skills LEADING QUESTIONS: Question that subtly prompts an answer in a particular way Generally avoid leading questions Sometimes used to get type of response required in an edit eg: "Tell me about the best and worst aspects of your job?" Cut it



Technical Quality Importance of technical quality: Good sound- use separate mic on interviews where possible Pre-Production +1min wild track Good lighting - natural or lamps / reflectors Production White balance camera - (Avoids blue or red hue to shots) – Should be done at every change of location / lighting. Especially if Interviewer mix of artificial & natural lighting. Mount camcorder on tripod - (In almost all situations) Camera Lighting Sound Cut it Post

Production Good Shots: In Focus, always zoom in on Subject to focus & then pull back out. Everything then in focus. Do for every new shot Pre-Production • Well framed Avoid too much zooming & panning (Depending on nature of programme) Production Balanced composition relevant / neutral background Shoot optimum amount by referring to detailed shot list taken Interviewer from storyboard PA (production assistant) to log shots to make identifying Camera material for edit much easier Lighting Sound **Cut it** Post



Camera - Focus

Pre-Production

Production

Interviewer

Camera

Lighting

Sound

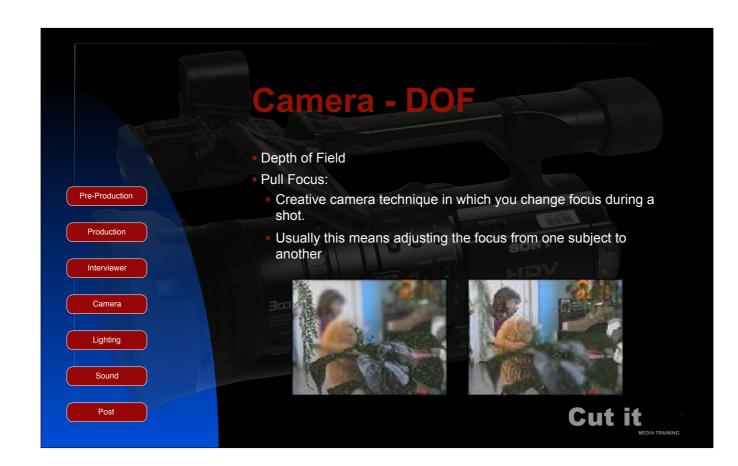
Post

How to Use the Manual Focus

- Locate the focus control. Professional cameras -manual focus ring near front of lens housing. Consumer-level cameras small dial
- Zoom in as tight as possible on the subject
- Adjust focus ring until the picture sharp. Turn ring clockwise for closer focus, anti-clockwise for more distant focus.
- Zoom out to required framing picture should stay nice and sharp.
- Sharpest focus occurs at about the middle iris position.
- More light coming through the lens, the easier it is to focus



Camera - DOF Depth of Field Defocus: Throwing focus on the whole picture can be done by turning focus ring until focus completely lost. Pre-Production Production Can be used as an opening/closing shot or as a transition between shots. Can also be used for various effects, such as a point of view shot Interviewer from someone who is drunk or groggy. Camera Lighting Sound Cut it Post





Camera - DOF Depth of Field • The more DOF you have - easier it is to maintain focus Pre-Production Are times when you may wish to reduce the DOF. This is often because you want the subject to be sharply focused but the background to be soft Production To reduce DOF, you can: Interviewer Add a Neutral Density (ND) filter. Increase <u>shutter speed</u>. This will work best when there's not much movement in the shot. Camera Lighting Reduce lighting and open the iris. Sound Cut it Post

Camera - Shutter Term comes from still photography Mechanical "door" between camera lens and film. Pre-Production Photo taken, the door opens for an instant & film exposed to incoming light. Production Speed shutter opens & closes can be varied — faster speed -shorter period of time shutter is open - less light falls on film Interviewer Measured in fractions of a second. Speed of 1/60 means shutter open for one sixtieth of a second. Camera Shutter "opens" and "closes" once for each frame of video Lighting Sound Cut it Post

Camera - Iris

Adjustable opening (aperture)

Controls amount of light coming through lens

As you open iris, more light comes in & picture appears brighter.

Measured in F stop. Lower F stop number eg F4 means more open Iris

Higher F stop number eg F20 - More closed iris = Less light into camera

 Professional cameras - iris ring on lens housing, - turn clockwise to close & anticlockwise to open. Consumer-level cameras usually use either a dial or a set of buttons.

 Before using manual iris - need to know what correct exposure looks like in viewfinder

Set camera on auto-iris, frame shot with nice, even lighting. Notice how bright picture is, then set iris to manual.

Professional cameras have an additional feature called <u>zebra stripes</u> which can help to judge exposure



Pre-Production

Production

Interviewer

Camera

Lighting

Sound

Post

Gain The gain setting on a digital camera sets the sensitivity to light of the cameras sensor Pre-Production It is the digital equivalent of the ISO setting of film All video cameras measure the amount of gain in numerical Production steps or decibels. You must be cautious and not overuse this feature. Interviewer An extremely high level of gain will result in a brighter picture with a low quality appearance that contains artifacts while Camera giving an overall grainy look to the video image. Lighting When you find the right balance, the gain setting may prove to be useful in a location that does not provide enough light Sound Cut it Post

Camera - Filters

Common types of filter:

 Neutral Density (ND) A colour-neutral filter which absorbs light evenly throughout visible spectrum. Used to reduce amount of light coming through lens in strong lighting situations.

• Ultra Violet (UV) Video cameras are sensitive to both visible light and ultra violet (UV) light. UV is invisible to humans but it can create a blue tinge and/or washed-out effect on video,

Polarizing- removes polarized light, reducing the washed-out effect sometimes created by reflected light Gives more saturated, vibrant colours

Diffusion Effectively blurs the image for a slightly soft look. A mild diffusion filter can be used to soften faces (remove wrinkles etc), a stronger filter can be used to create a dream-sequence effect.



Pre-Production

Production

Interviewer

Camera

Lighting

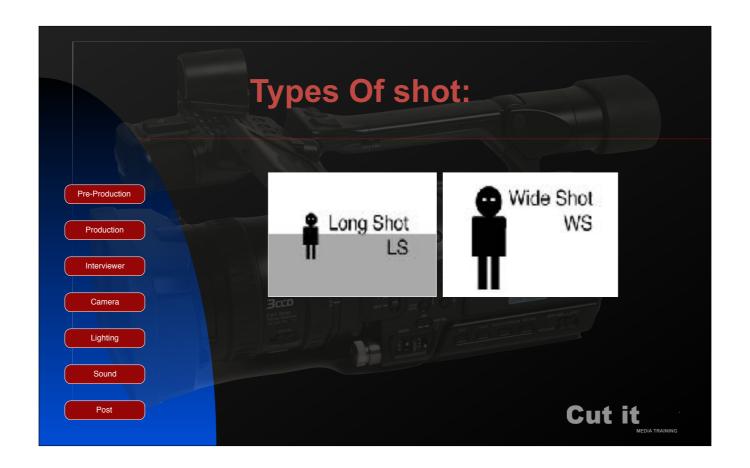
Sound

Post





White Balance Camera Different Lighting Conditions - different output of colour spectrum Florescent & Tungsten lights - Blue Hue Pre-Production Halogen - Red Hue Production Give a white reference to camera Hold up white card, zoom in on card & fill lens Interviewer Hold down white balance button Camera Can usually save to presets Lighting Sound Cut it Post

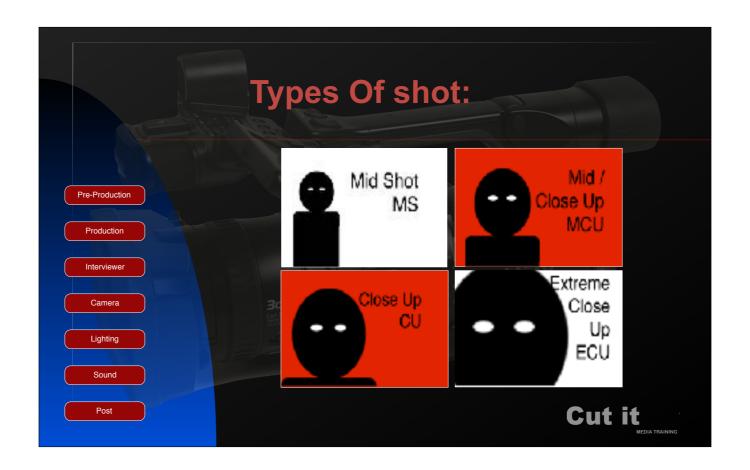


EWS (Extreme Wide Shot) In the EWS, the view is so far from the subject that they are not visible. Point of this shot is to show the subject's surroundings. Qften used as an establishing shot — the first shot of a new scene, designed to show the audience where the action is taking place

VWS (Very Wide Shot) or Long Shor LS: The VWS is much closer to the subject. Person just visible here, but the emphasis is still on placing them in their environment. This also works as an establishing shot.

WS (Wide Shot) In the WS, the subject takes up the full frame. In this case, Feet are almost at the bottom of frame, and head almost at the top. The small amount of room above and below the subject can be thought of as safety room — you don't want to be cutting the top of the head off. It would also look uncomfortable if her feet and head were exactly at the top and bottom of frame.

MS (Mid Shot) The MS shows some part of the subject in more detail, whilst still showing enough for the audience to feel as if they were looking at the whole subject.

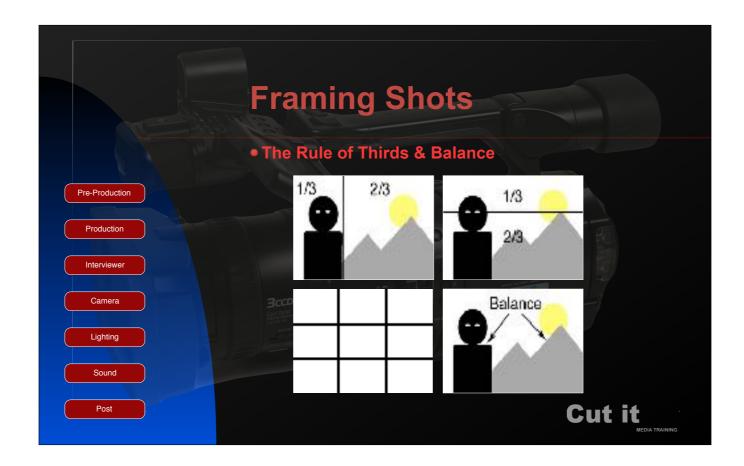


Camera Shots

Camera shots are usually framed as an MCU or Close Up. It's important to think about the guest's looking direction, and get an equal number of left-facing and right-facing subjects. These can then be alternated in post-production.

The medium closeup is half way between a mid shot and a close up. This shot shows the face more clearly, without getting uncomfortably close.

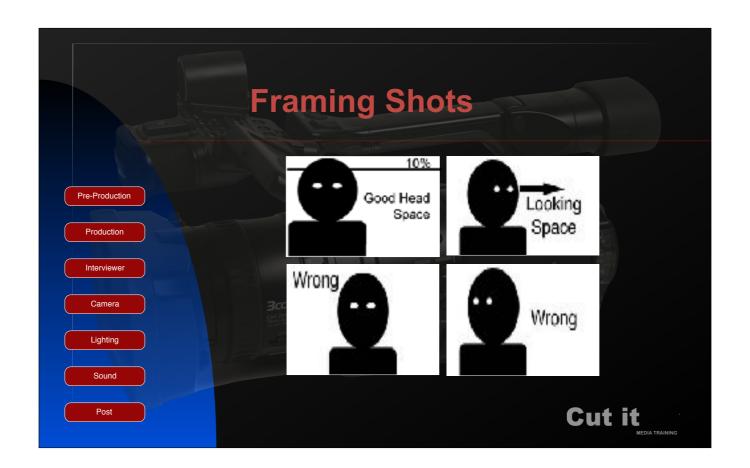
In the closeup shot, a certain feature or part of the subject takes up most of the frame. A close up of a person usually means a close up of their face (unless specified otherwise). Close-ups are obviously useful for showing detail and can also be used as a Cut-in. A close-up of a person emphasizes their emotional state. Whereas a mid-shot or wide-shot is more appropriate for delivering facts and general information, a close-up exaggerates facial expressions which convey emotion. The viewer is drawn into the subject's personal space and shares their feelings.



The rule of thirds is a concept in video and film production in which the frame is divided into into nine imaginary sections, as illustrated. This creates reference points which act as guides for framing the image.

Points (or lines) of interest should occur at 1/3 or 2/3 of the way up (or across) the frame, rather than in the centre. Like many rules of framing, this is not always necessary (or desirable) but it is one of those rules you should understand well before you break it.

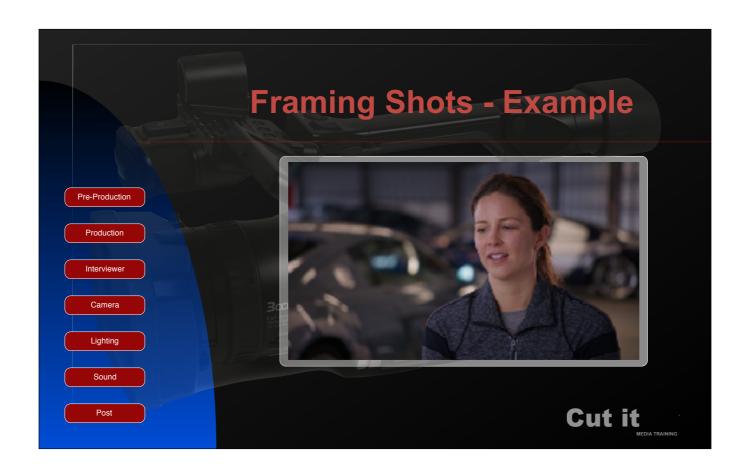
In most "people shots", the main line of interest is the line going through the eyes. In this shot, the eyes are placed approximately 1/3 of the way down the frame.



Looking space:

When using the rule of thirds: always get the suject of the shot to look past the camera into the empty 2 thirds of the shot. This is called Looking space Head Room

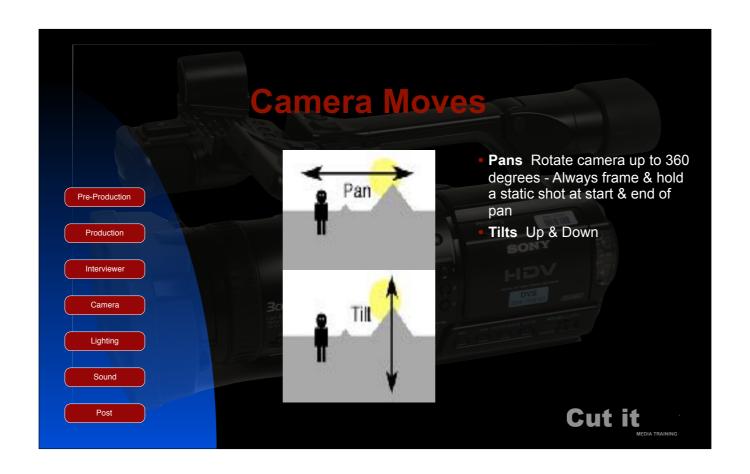
Head room, with MCU's & Cose Up shots avoid too much headroom at the top of the shot. More than 10% headroom space is a bad. For Mid Shots & Wide Shots About 10% is good.

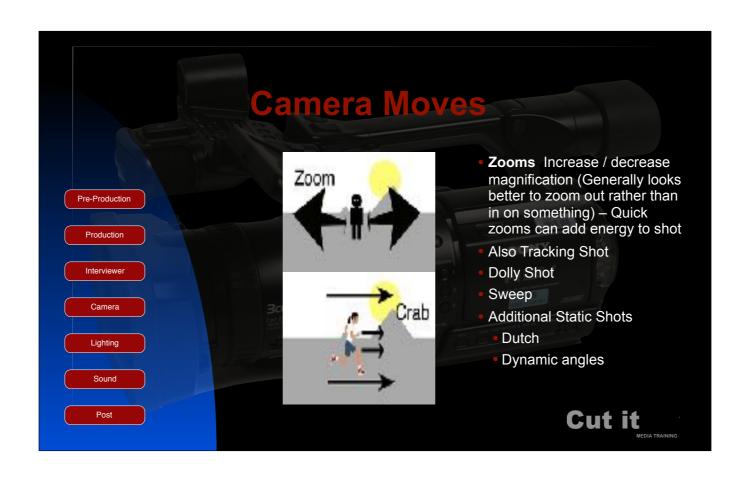


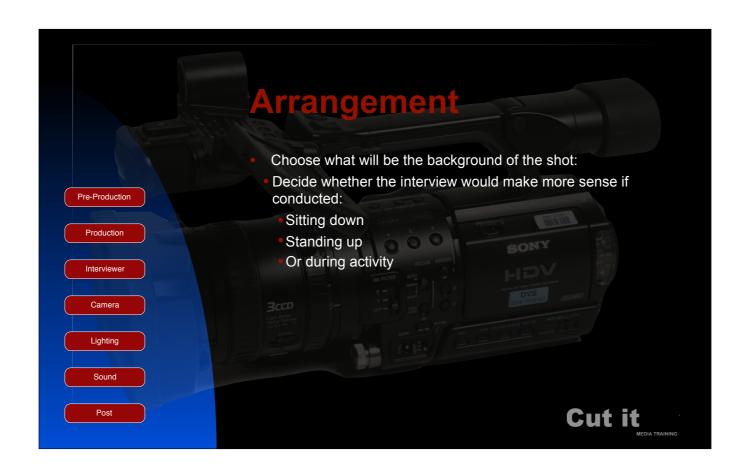
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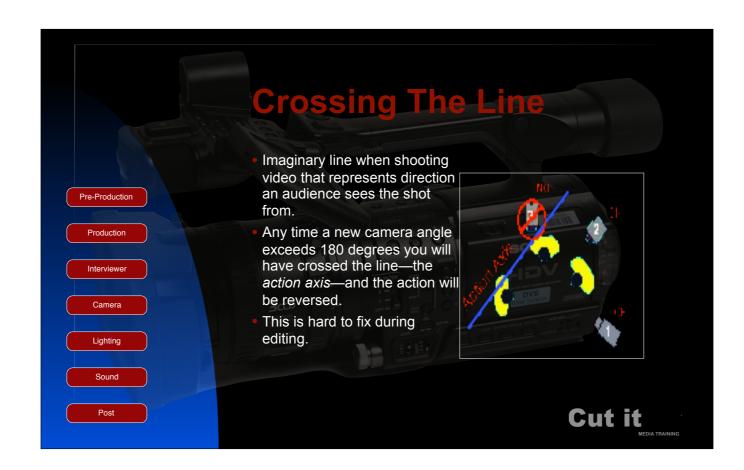
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Interview Shooting order 1) Shoot Interviewee answering questions 2) Shoot cut aways of Interviewee Eg hands CUs & noddies 3) Shoot cut aways of both interviewer & interviewee talking 4) Shoot Interviewer asking questions 5) Shoot interviewer noddies Post Camera Lighting Post



Production Appropriate Illustrative Material Make cutaways appropriate Pre-Production Always get establishing shot to set scene Get as many cutaways as possible Production PA should note key items mentioned by interviewee & prompt director/ camera operator to get relevant cut-aways at end of shoot Interviewer Get general cut-always after interviews e.g. close up of interviewees hands, noddy shot of interviewer Camera Think sequences of shots wherever possible e.g where there is a Lighting Always get close up shot of any action shot in wide shot Sound Cut it Post

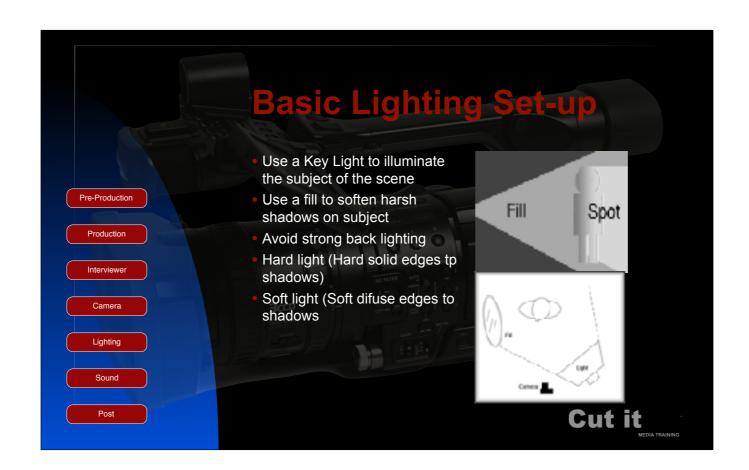
Pre-Production Production Production Production Production Interviewer Camera Lighting Sound Post CONVENTIONS OF CHONG VIDE S SCHOOL S A Cations Always get an establishing shoot Noddies & Cut-aways Always shoot noddies & cut-aways Cu's of Actions Always get close up shots of any action(s) shot in wide shot Continuity Costume, dress, make up & hair should be consistent throughout shoot Any close-up shots should match similar wide shots. E.g if someone picks up an orange with their right hand in wide short then they need to repeat this action with the same hand for the close up shot Cut it

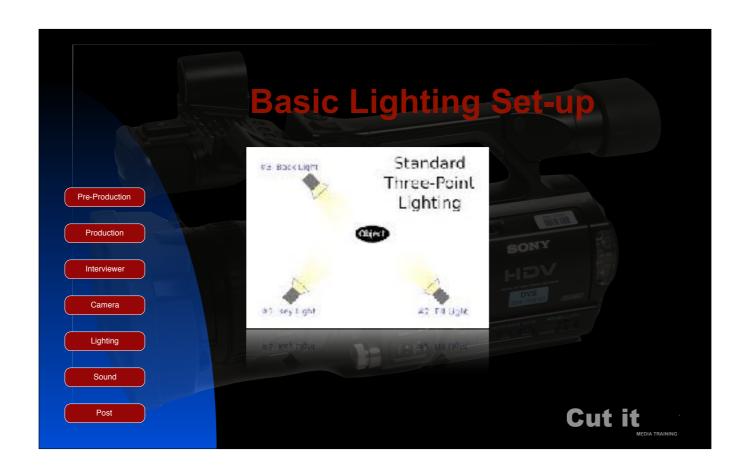
Lighting - Setting up for an interview Choosing the setting: Think about lighting the setting: Where is the strongest source of lighting coming from? What types of lighting are there? Is It just sunlight / daylight, just artificial light, or a mixture of both? white balance the camera.

Pre-Production Pre-Production Production Production Production Production Interviewer Camera Lighting Sound Post Dacklight Where subject set against a much brighter background Auto-iris - camera adjusts exposure for strong backlight - leaves the subject as silhouette. Some cameras have "backlight" feature which helps problem - won't work as well as manual iris control. Only manual option is to open iris until subject is exposed correctly. Will mean the background is too bright, but better than the subject being too dark



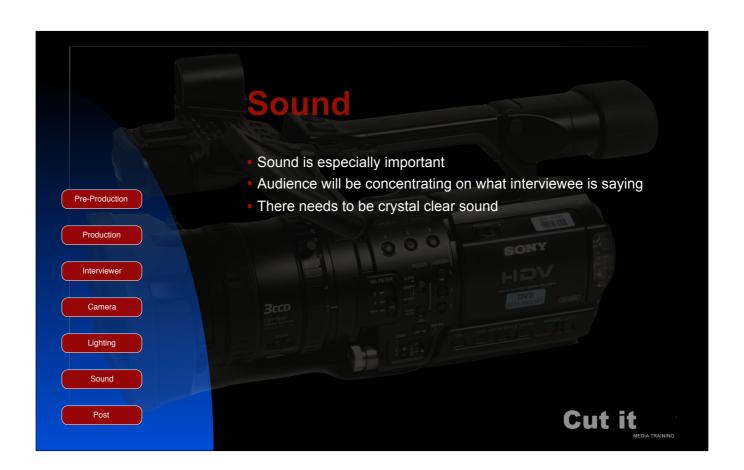
Basic Lighting Set-up Shooting Indoors Try to avoid mixed lighting Pre-Production • i.e. Natural light from window & artificial lighting Either turn off the artificial lights Production or Block out window Overhead lights can create ugly shadows Interviewer Reflector can balance this Camera Lighting Sound Cut it Post











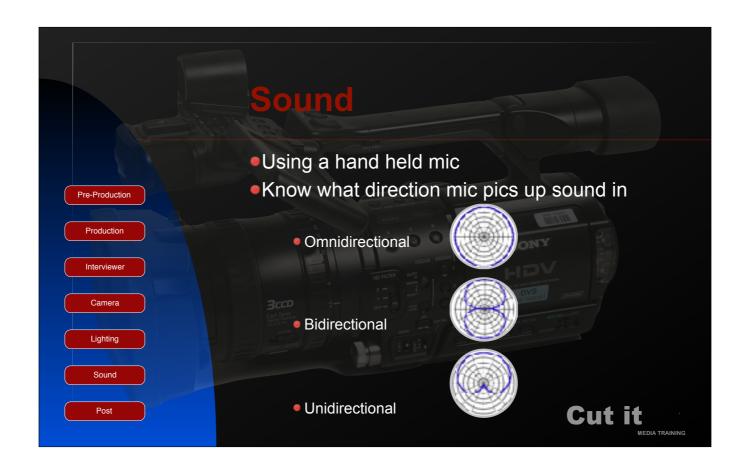


Microphones

The first decision is which type of microphone best suits your situation.

Hand-Held Mics

Hand-held mics are versatile and relatively easy to use. They are well-suited to mobile interviews, and to situations where the interviewer needs to direct the talking (people can only speak when the interviewer points the mic at them



Directional Properties

Every microphone has a property known as directionality. This describes the microphone's sensitivity to sound from various directions. Some microphones pick up sound equally from all directions, others pick up sound only from one direction or a particular combination of directions. The types of directionality are divided into three main categories:

Omnidirectional

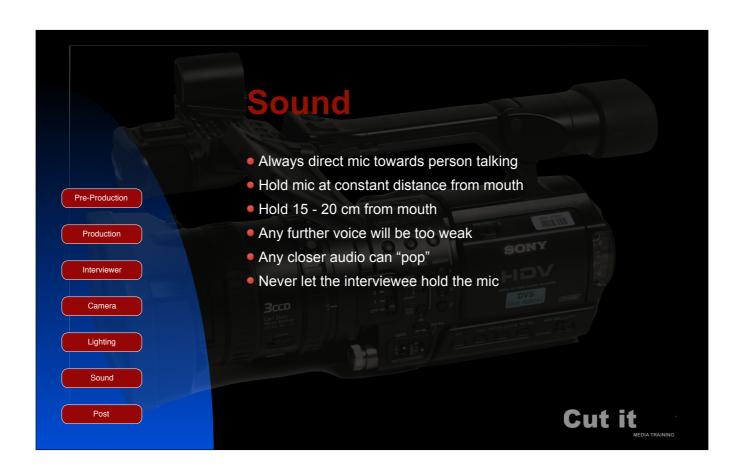
Picks up sound evenly from all directions (omni means "all" or "every").

Unidirectional

Picks up sound predominantly from one direction. This includes cardioid and hypercardioid microphones (see below)

Bidirectional

Picks up sound from two opposite directions.





Boom Mics

Microphones placed on a boom arm are also very versatile and are used in both studio and mobile settings. The main advantage is that the IV participants don't need to be rigged for audio or worry about mics, and the sound operator is in full control. The microphone is usually a shotgun (very directional) mic which can easily be pointed to any speaker (or other sound if required).

The boom operator and camera operator need to work together to make sure the mic stays out of camera shot. You can make a simple boom from just about anything which is the right shape. A microphone stand with its legs removed is a good option, or even a broomstick or fishing pole.

A good boom will have some sort of isolating mechanism for the microphone to prevent vibrations being transferred to the mic. This may involve elastic suspensions, foam padding, etc



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Built-in Camera Mic

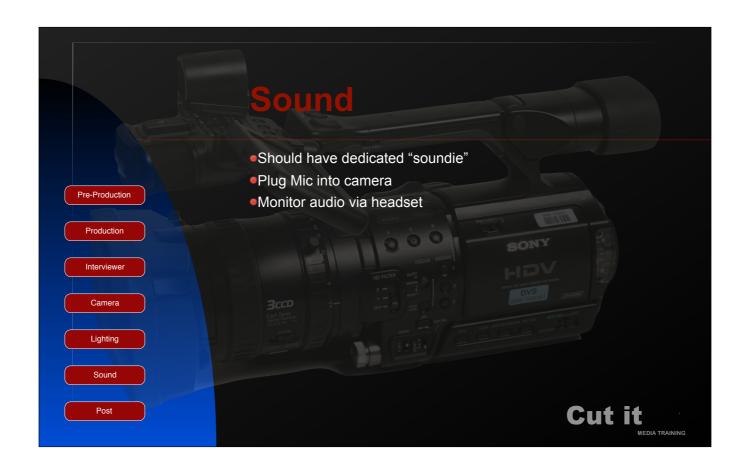
If you're desperate you can use the mic which is built into the camera. However this is unlikely to produce good interview sound.

Lapel Mics

Lapel (lavalier) mics create high quality, consistent sound. Each person has their own mic, the mics are (theoretically) always in the correct position and unwanted noise is rejected well. The disadvantage is that they are slower and more difficult to set up, especially if there are a number of guests coming in and out of the IV setting. Also, if the mic position does happen to go awry, you have to interrupt the interview to fix it.

Radio Mics

Any type of microphone can be plugged into a small battery-powered radio transmitter and sent to a receiver at the recording end. This frees the interviewer and guest from the restraints of audio cables. It also means the participants can be a long way from the camera (which would obviously be on a long zoom).

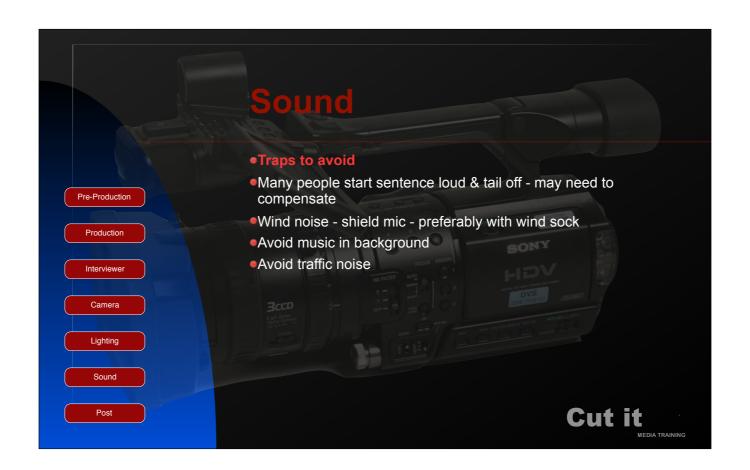


Mixing and Recording

In mobile interviews, the ideal situation is to have a dedicated sound operator ("soundie"). The soundie will plug the mics into the camera and monitor the audio via a headset. The output of the mixer will either be fed to a portable recording device or (more commonly) fed to the camera and recorded on the same tape as the vision.

Hand-held Microphones

The term "hand-mic" generally means any microphone held in the hand and used to pick up human speech. Hand-mics are used in a huge variety of settings, from musical performances to television interviews. When you say "microphone", most people picture a hand-mic



Many people begin their sentences loudly then tail off. You may need to compensate Beware microphone handling noise, especially with cheap mics and inexperienced presenters. If wind is a problem, use a sock or (preferably) shield the mic. Background music means death in the edit suite. Turn any background music off.



Make sure you do a sound check yourself, well before the interview.

Position yourself and the microphone, and speak exactly as you intent to during the interview.

If the mic has an on/off switch, keep an eye on it. If the mic is battery-powered, make sure you turn it off when you've finished & battery is charged Hold the microphone firmly. Remember that the mic will pick up any handling noise so be careful not to move your hand around on the mic casing, or bump the mic into anything.



Setting up the shoot Ensure tripod placed where best shot can be got Mount camera on tripod Pre-Production Get the camera on the interviewees eye line- elevate or depress the camera on the tripod Production Check the spirit level on the tripod to ensure you've got a level shot – get the bubble in the middle of the circle by altering the leg Interviewer length if necessary. Remove lens cap & switch camera on Camera (Should automatically be in AUTO mode) Lighting Sound **Cut it** Post

Pre-Production Production Production Production Production Interviewer Camera Lighting Sound Post Cat it EXALIBRADIA Setting up the shoot White balance camera Turn on Back light button if necessary Tell your interviewee that you are ready to shoot position them so that there is plenty of light on their faces (& no dark shadows) Focus camera (Zoom in to focus)

Pre-Production Production Production Production Interviewer Camera Lighting Sound Setting up the shoot Attach the lapel (Tie clip) microphone Check audio levels Monitor the sound through the headphones – check that the voice sound "clean" and listen out for annoying background noise ask the question again if e.g. a lorry rumbles past or a door bangs and spoils the interviewee's answer Camera Lighting Sound Post Cut it

Setting up the shoot Position your interviewer as close to the camera as possible & ask your interviewee to look at you and not the camera lens. Make sure camera hight is on Pre-Production interviewers eye line Final framing up Production check for "looking space" i.e. that the interviewee is slightly to one side of the frame & looking into the space left on the other Interviewer side of the frame Press the RECORD button Camera Lighting Sound Cut it Post

