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- **Goals:**
 - **To have a working knowledge of video flow.**
 - **TBAT identify, setup, and operate different switchers and baluns.**
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Microphones			Powered	Phantom Power
SM 58	The SM 58 is an industry standard vocal microphone. It should be used to reinforce lecturers and vocalists.		●	
	It is a durable microphone and should be used for events that might require a more durable microphone.			
BETA 58A	The Beta 58A is the SM58's older, wiser, and more handsome brother. It is a high quality vocal microphone, with a more present high end. It should be used for feature performers.		●	
SM 57	The SM 57 is an industry standard instrument microphone. The SM57 is a versatile microphone and can be used for many different applications. Some of these include: Miking an amp, a guitar, a saxophone, or a piano.		●	
BETA 57A	Much like the Beta 58A, the Beta 57A is a higher quality SM57. It can be used for the same applications that the SM57 is used for, but has better isolation and is capable of more gain before feedback.		●	
BETA 87C	The Beta 87C is a high quality vocal microphone. It has a low-frequency roll-off. This means that it doesn't pick up sounds at lower frequencies. This prevents boominess. The 87C is a cardioid microphone which means it does not pick up directly behind it.			●
BETA 87A	The Beta 87A has the same qualities as the 87C, but is a supercardioid microphone. A supercardioid microphone picks up from in front and from the back but does not pick up from the back diagonals.			●
BETA 98 D/S	This series is used to mic drum sets. It specifically captures snares and percussion instruments, minimizing outside noises. It attaches to the side of the drum and the microphone is angled towards the head of the drum or the snare.			●

BETA 52				
	This microphone is tailored to low frequency inputs. Its large diaphragm allows it to accurately produce these frequencies and gives it more durability. It can be used to reinforce bass amps or kick drums.			
SM 81				
	The SM 81 is a small condenser microphone. It has a roll off filter with three different roll of options. It can be used as drum overhead mics or as a general pickup for choirs.			
NT5				
	The Rode NT5 is a small condenser microphone. It can be used as a general pickup or as a drum overhead.			

MD 421				
	This microphone sounds great on brass instruments. It is a Sennheiser microphone. It has several different roll-off filters. Allows a tech to tailor it to the sound source.			
BETA 91				
	This microphone is used for a kick drum. It is placed inside of the kick drum.			
AT U851R				
	This is a boundary microphone. It has a wide variety of uses. It can be used to mic an upright piano by taping the microphone to the top of the inside of the piano. It can also be used for other surface-mount applications. These microphones require phantom power.			
AT 4040				
	The AT404 is an advanced large diagram microphone used for a wide variety of purposes, but it is best used for pianos an other acoustic instruments. It does not need phantom power.			
Audix D6				
	This microphone is tailored to low frequency inputs. Its large diaphragm allows it to accurately produce these frequencies and gives it more durability. It can be used to reinforce bass amps or kick drums.			

- **Training Concepts/Procedures:**
 - Go through all mics and talk about their uses/setups
- **Equipment Needs:**
 - Mic Kit
- **Estimated Time: 1 Hour**