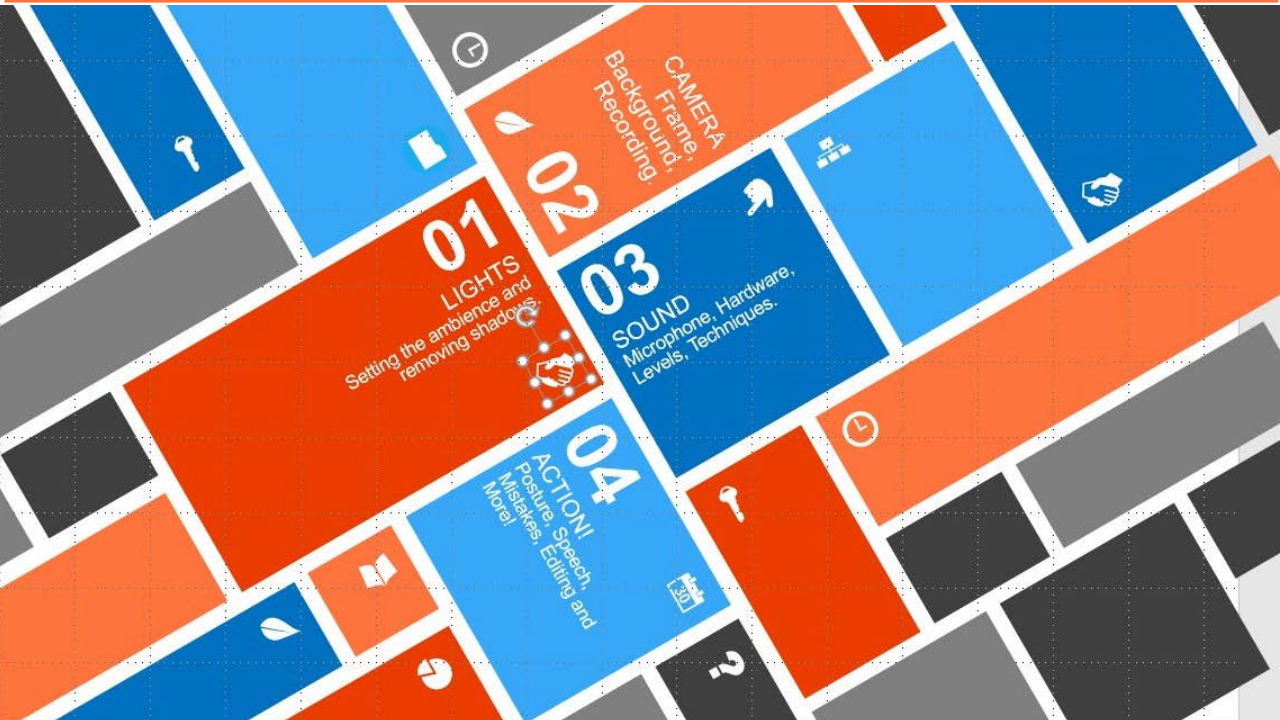


ONLINE TEACHING



UNIVERSITY OF SASKATCHEWAN
School of Environment
and Sustainability
SENS.USASK.CA

HOW TO SET UP YOUR HOME STUDIO



01

LIGHTS

Setting the ambience and removing shadows.



02

CAMERA
Frame,
Background,
Recording.



03

SOUND
Microphone, Hardware,
Levels, Techniques.



04

ACTION!
Posture, Speech,
Mistakes, Editing and
More!





Source: <https://www.epiphan.com/blog/lecture-recording-studio/>



HOME STUDIO SETUP

VIEW



PARTS

- LIGHTS
- CAMERA
- SOUND
- ACTION!



1. LIGHTS: WHY



Computer screen lit

X Full Shadow



Side ambient light

X Half Shadow



Ring light direct

Ok Face lit up



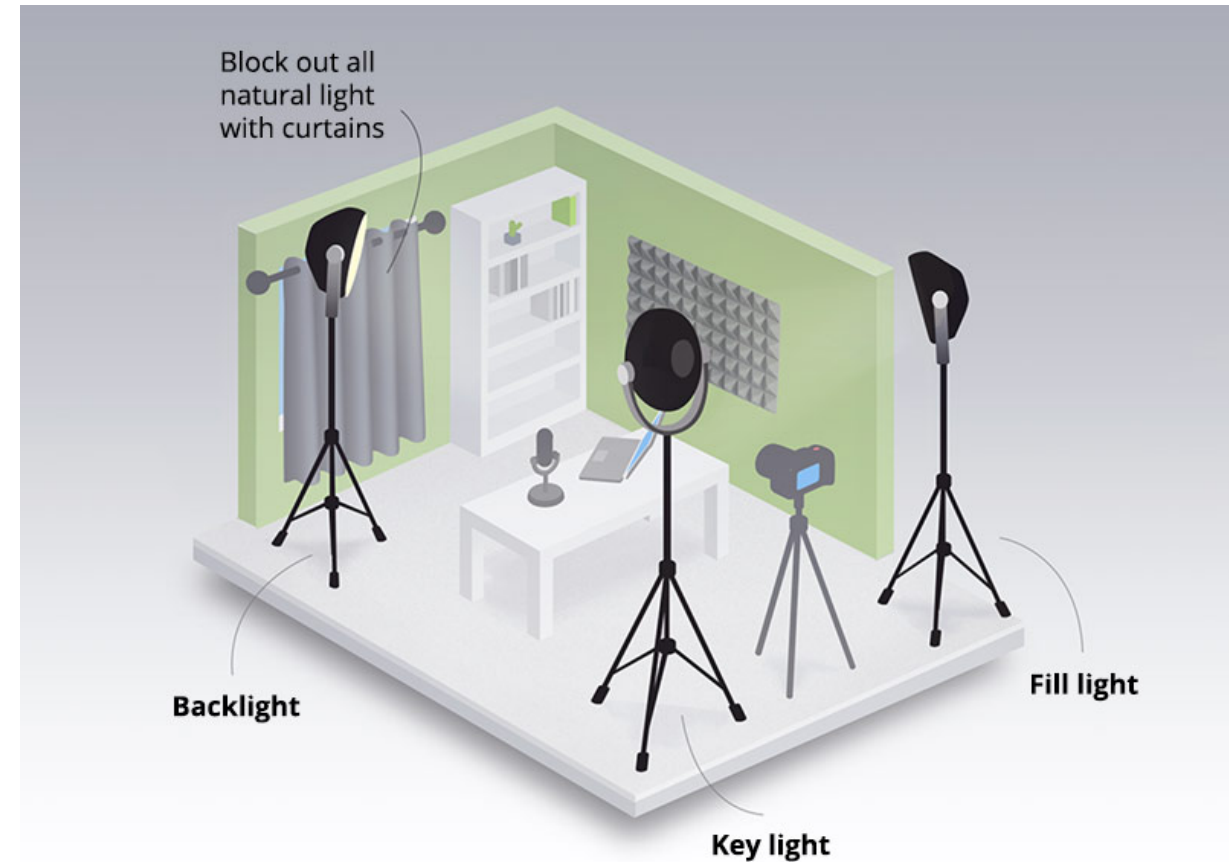
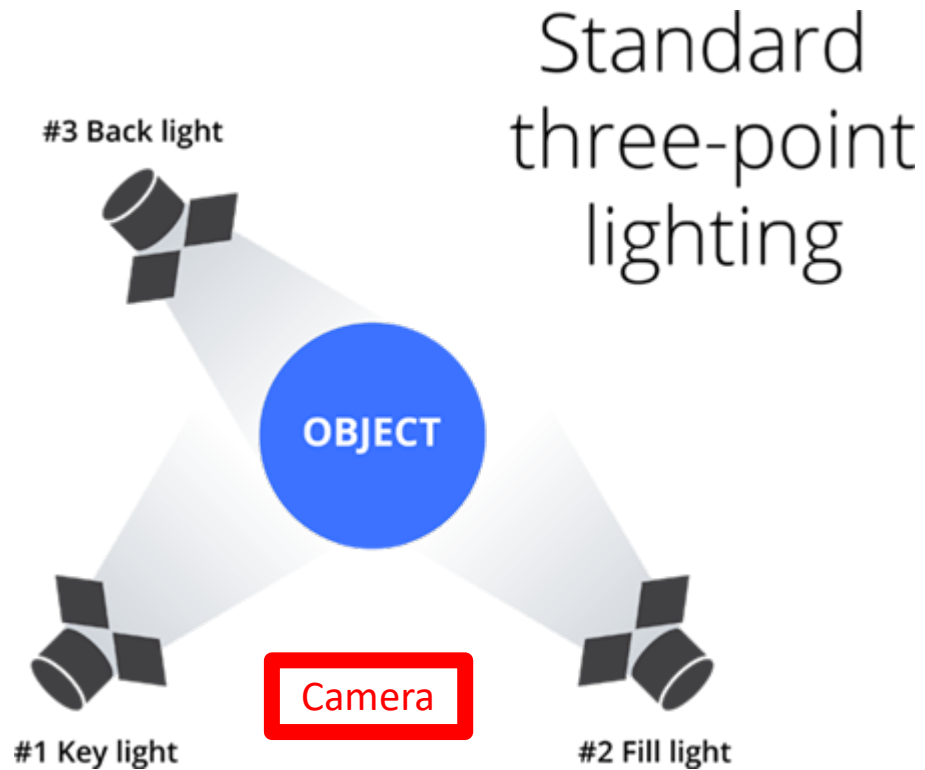
Ring light direct +
Side ambient

Ok Face lit up with
Softened lighting



How to Correct Shadows (without a Ring Light)

How to Video info: https://www.youtube.com/watch?v=VVMJHGxj-kU&feature=emb_logo





Ring Light Hardware

HOW TO:

- Clips onto desk
- Has cold, warm and mixed lighting
- USB plug
- Holds iphone or DSLR for recording with camera
- Easily adjustable
- \$30-\$40 CDN on amazon

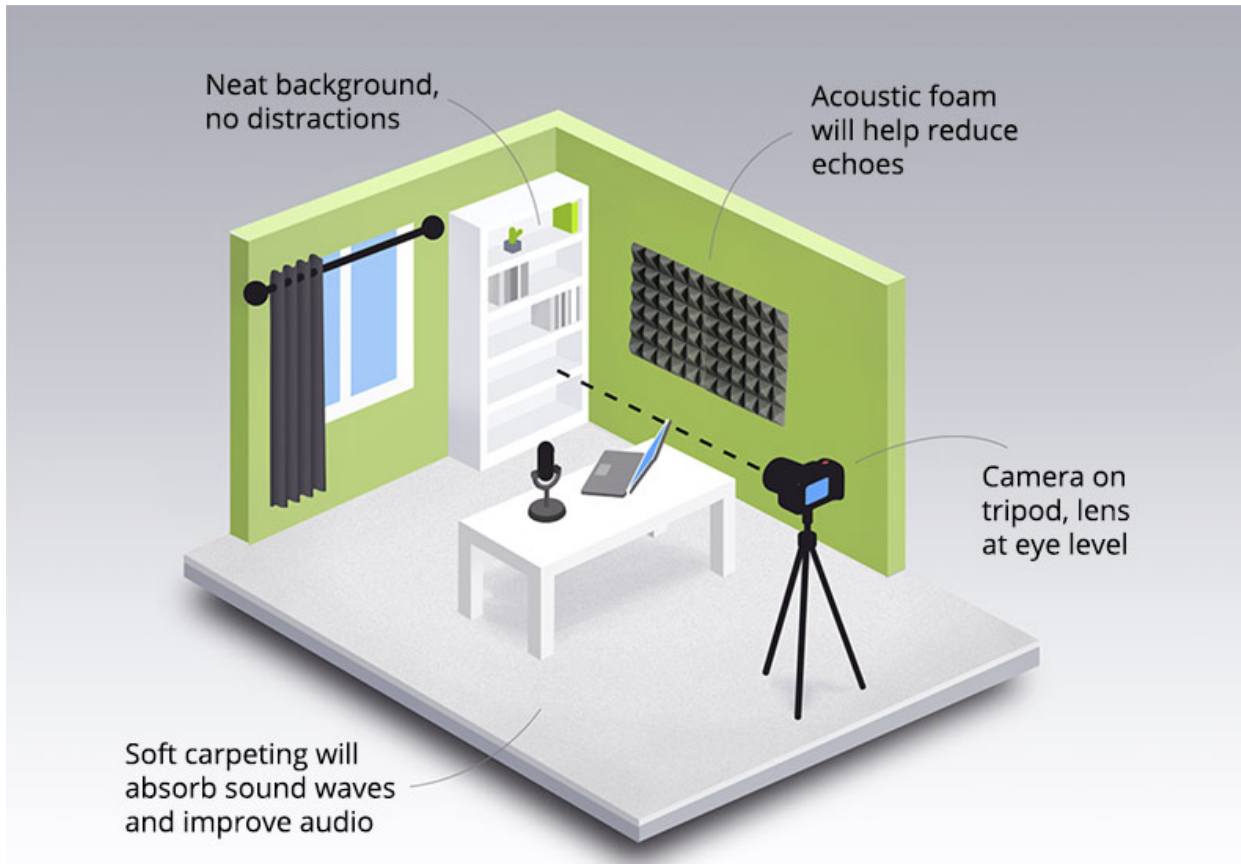
EXAMPLE: Recommendation





2. CAMERA

Setup position



Camera options:

- DSLR
- Iphone (records HD, check settings)
- Laptop camera
- Logitech webcam
- Other...

Position:

- Directly in front of your face, set back to frame yourself properly
- Level with your head, not blocking lighting



3. SOUND: Setup

Recommended: Desktop




Option: Boom mount






Best Microphone Options


Recommendations




NEW


yeti^x

\$ 169.99 





yeti^{NANO}

\$ 99.99 





yeticaster

\$ 199.99 





yeti

\$ 129.99 




yeti^{PRO}

\$ 249.99 



snowball

\$ 69.99 



snowball^{ICE}

\$ 49.99 

Blue Bundles

Get everything you need to start streaming, gaming and recording fast with Blue's exclusive software bundles

[LEARN MORE](#)



4. ACTION!

Ambience Considerations:



Tips

- Posture: position yourself engaged, alert, lean-in.
- Use hand actions carefully to prevent distractions
- Background light: cover windows behind you.
- Background: tidy up, less distractions; use green screen if possible, careful with virtual backgrounds that can look blurred or make you disappear!
- Sound Proofing: dampen any echoes with carpet or foam
- Post-process any hiccups!



Recording Tips

TIP #1

- Consider matching voice over to visual recording so microphone and equipment don't block your face when recording
- Requires Post-production step.

TIP #2...

- If using a DSLR (Digital Single-Lens Reflective Camera): a digital high-definition camera
- Requires some additional parts:
 - a clean HDR output
 - a 'capture' card to get the HDR into the computer:
 - SD Card (Secure Digital): a type of memory card typically used in digital cameras and other portable devices.
 - OR:
 - "CamLink" (<https://www.elgato.com/en/gaming/cam-link/camera-check>) (\$150) and small (a USB dongle)



Recording Tips

TIP #3

- Storage Space: both voice and video will require a lot more storage space for your content. Consider investing in either an external hard-drive or cloud storage.
- Make use of your university one-drive space if you still can!

TIP #4

- Post-production of your draft recordings will take time. Consider help from teaching assistants or budget additional time into your work for editing and cleaning sound and video “mistakes” or changes.
- Retakes might be common in the beginning.



COST ESTIMATE

EQUIPMENT: Necessary

- Lights: \$40
- Camera: optional / share?
- Microphone: \$50-\$150

Recommended

- Other:
 - Green Screen
 - Sound Dampeners
 - Décor
 - Curtain to block window light
 - Storage space for recordings
 - Video and Sound editing software

TAKE AWAYS

- Integrate your Sound and Video with your Content.

- Develop your content plan

- Know your launch date, pre-launch date, and edits/review dates if you plan to have colleagues or students help with your content.

- Evaluate feedback regularly and improve your techniques and methods



- Use the various LMS to integrate your content for online learning

- Schedule your recording time and plan post-production time

- There's lots of pieces to fit together, so if any of the equipment is daunting, reach out to our support networks

- It's a Faculty wide approach to ensure our online delivery is as professional as possible given the circumstances. Continuous Improvement is the reality.



Recommended Equipment Order Form

NAME	Microphone: Snowball Ice or Yeti	Camera: Specify Preference	Lights: Ring Light with Iphone Holder	Other: Specify Needs