Animation Portfolio Workshop
APW Online
WORKSPACE, ART SUPPLY & EQUIPMENT LIST

How do I set up my own workspace?

Have a look at the video on the student login page to see how your set-up should look. You will need everything on this list:

1. WORKSPACE LIST

- **1 Table** – Any sturdy small or medium sized table should be fine.
- **2 Chairs** – One chair is where you sit and the other is where you rest your drawing board (it is pushed right up to the table).
- **1 Drawing Board** – *see ART SUPPLY LIST below*
  It should be plywood or masonite that is stiff enough to not bend when you draw with some pressure. You clip the newsprint pad to the drawing board.
- **Newsprint paper** – *see ART SUPPLY LIST below*
  18"X24" is the common size for pads that you would find in an art supply store. Because it is not top-quality paper it is suitable for a student who will make thousands of drawings as part of the learning experience. Buy a box of 40 pads.
- **2 Clips** – *see ART SUPPLY LIST below*
  These are found in art supply stores or in office supply stores. Heavy duty spring clamps like these can also be found in a hardware store.
- **9B Graphite sticks** – *see ART SUPPLY LIST below*.
- **Laptop** – Screen size should be no smaller than 13". For our purpose bigger is definitely better. You will be drawing from reference videos and photos for hours. If the screen is too small the longer drawings will be very difficult.
- **Box or stack of books** – The reason for this is to elevate the laptop so that you can clearly see it over the top edge of your drawing board.
- **Phone Mounting Arm** – *see EQUIPMENT LIST below*
  When you aim your phone at your drawing board and paper, the instructor and the TA see your drawings in progress. It is what allows the instructor to help you by making suggestions as you draw. Like in an actual art class. The mounting arm is like a pixar desk lamp that attaches to a base that clamps on to the edge of your table or desk. First – attach the base clamp to the table, then pop the arm into the hole in the clamp. Then place your phone into the holder. Finally you will position the phone to look down on your drawing board.
- **Phone** – You will use your camera mode. Set your phone to a good HD video setting (4K may eat up battery life and/or result in a lag during video conferencing). We need to see your drawings as you make them to give you input during class.

- **Artist** – That's you. This training is demanding and will require full concentration and effort. Think of yourself like an Olympic athlete – get good rest and eat right. Most of all have fun!

Is there an art supply & equipment list?

Yes – You need everything on the ART SUPPLY LIST **AND** the EQUIPMENT LIST below.

2. ART SUPPLY LIST

- **40 pads of 18" x 24" Newsprint** or 30 lbs. Loose Newsprint Sheets
https://www.uline.ca/BL_1953/Newsprint-Sheets
- **10 Lyra graphite sticks** 8B or 9B
- **1** Box of **Crayola crayons**
- **2 Heavy Duty clips** to hold pads onto drawing board
- **1** Rigid plywood **drawing board** at least 18" x 24" x 1⁄2" thick *(or similar)*
- **1** Roll 18" wide **tracing paper**
- **4** Soft **kneadable erasers**
- **1** pair long, thin, non-tapering **knitting needles** or similar *(skewers will do)*
- **1 Exacto knife** (*with replacement blades*)
- **2** pieces of **illustration board** 8"x10"
- **1** glue stick,
- **1** ruler
- **1 Phone Mounting Arm**
https://www.amazon.ca/gp/product/B07PPL1M2T/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1

- **1 Sketch book** – 9" x 12" or larger
- **1** set of plastic **animation peg bars**

Students in Canada**:** https://www.cartoonsupplies.com/content/acme-pegbar-plastic (standard ACME version)
Students in USA or Internationals: https://www.amazon.com/animation-peg-bar/s?k=animation+peg+ **Note: metal peg-bars also fine*

- **1** package of **animation paper.**

Students in USA: https://www.dickblick.com/products/animation-paper/
Students in Canada: https://www.cartoonsupplies.com/content/10f-lightfoot-pro-17-lb-100-shts

https://www.deserres.ca/products/100-pack-animation-paper?variant=39426644017285
International Students: Amazon: https://www.amazon.com/Owfeel-237mmx270mm-Animation-Positioning-Animating/dp/B00WMAFNA8/ref=sr_1_1_sspa?dchild=1&keywords=Animation+Paper&qid=1630684372&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyNElWNVFONE9HVU1KJmVuY3J5cHRlZElkPUEwNjIwMjU1MjdGRlVXWDY3NU5JNiZlbmNyeXB0ZWRBZElkPUEwMzQzOTMyMTVDVVVZWEZCTFVBQyZ3aWRnZXROYW1lPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=

- **1** copy of "**The Natural Way To Draw**" by Kimon Nicolaides – https://www.chapters.indigo.ca/en-ca/books/the-natural-way-to-draw/9780395530078-item.html?s_campaign=goo-DSA_Books&gclid=CjwKCAjwj8eJBhA5EiwAg3z0m38Se8VJW-sIVXWMGlivQDjGFVmjOwQoAdxQTQ5K20Myx9kylJN9HRoCv-wQAvD_BwE&gclsrc=aw.ds
- **1 Half Scale Human Skeleton Model** - Model B10202.

Students in Canada can order a skeleton here:
https://www.amazon.ca/Isaac-Technologies-IC-B10202-Skeleton-Individually/dp/B08BH2D38C/ref=sr_1_7?dchild=1&keywords=b10202&qid=1614613694&sr=8-7

Students in the USA and International students can order a skeleton here:
https://www.amazon.com/dp/B07D43Y2XL?ref=myi_title_dp

Or here:
https://www.ebay.com/itm/124799731011?hash=item1d0ea4c543:g:GBkAAOSwf2RfQAuP

For students in GTA - All Art Supply materials above can be ordered directly from **Gwartzman's Art Supplies** in Toronto by selecting the **APW Kit**. You can choose pick up or delivery.
https://gwartzmans.com/
Other Art Supply stores to consider if the above is not an option are:
Above Ground Art Supplies, Curry's, De Serres, Midoco or any local art supply store.
**Note - Michael's, Wallmart or any large craft stores typically over-charge for these items and they do not have quality products for this course.*

3. EQUIPMENT LIST (tech):

- **1 Smart Phone Mounting Arm**.

Amazon link:
https://www.amazon.ca/gp/product/B07PPL1M2T/ref=ppx_yo_dt_b_asin_title_o01_s00?ie=UTF8&psc=1

- **1** smart phone
- **1** laptop or desktop computer*. *Note - an iPad won't work because the screen is too small.*

APW Online FAQ

What kind of internet connection do I need?
Make sure that you have a good High Speed internet connection:
Recommended Upload speed – 13 Mps Minimum Upload speed – 2.75 Mps
Recommended Download speed – 5Mps Minimum download speed – 1Mps.
This kind of connection allows us to see your drawings as you draw them and offer advice as you go.
APW Online is not a "just watch a video" kind of online course. It revolves around student/instructor interaction.

What video settings are best for my phone?

Full HD is the best - 1080p. **Note -- 4K video requires too much band-width and is not supported by Zoom.*

Do I need to install any apps?

Yes. Install the Zoom app on your phone and on your computer. https://zoom.us/download

Also, install Stop Motion Studio on your phone.
https://play.google.com/store/apps/details?id=com.cateater.stopmotionstudio&hl=en_CA&gl=US

This app will be used when shooting hand-drawn animation sequences. The free version is fine.

Is a headset a good idea?

Wearing a headset will help you hear what the instructor is saying to you and other students during class. It's not essential though.

What is a typical day of APW Online classes?

How interactive are APW Online classes?

Each 6 hour day of classes has two 3 hour classes:
Life Drawing – drawing the human figure and
Drawing for Animation – drawing objects, learning perspective, drawing characters, storyboards and animation. Lunch is a 1-hour break.

Because you will be looking at your computer screen each day of classes bigger is definitely better when it comes to your screen. Your computer screen size should be 15" – 17 or higher"
Minimum screen size – 15".
Minimum Monitor res. – 1920 X 1080. If you use a laptop plan on having it powered up for the start of each day of classes. Same goes for your phone.

What about lighting?

Your drawing board should be well lit from both sides. Sitting near indirect light from a window is fine. Be aware that sharp or dark shadows on your paper will make it difficult for the instructor to see your drawings.

The instructor can see your drawings as you draw and make suggestions as you progress through each exercise. The TA will also watch your progress and make helpful suggestions in real time during class. Also, you can ask your own questions at the conclusion of each day of classes.

Is there an orientation session before classes begin?

Yes. You will be notified re date and time. The APW Online Orientation Session is an opportunity to meet the instructors and other students and review all of the tech requirements and. Time will be given to road-testing your workplace set-up in a class environment.

What computer specs are best?

Because you will be looking at your computer screen each day of classes bigger is definitely better when it comes to your screen. Your computer screen size should be 15" – 17 or higher"
Minimum screen size – 15"

Recommended screen size – 17” or bigger.
Minimum Monitor res. – 1920 X 1080. If you use a laptop plan on having it powered up for the start of each day of classes. Same goes for your phone.

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