

APW Online Workspace SUPPLY LIST

How do I set up my own workspace?

You will need:

- **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** – 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** – 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** – These are found in art supply stores or in office supply stores. Commonly known as “bulldog clips”. Heavy duty spring clamps like these can also be found in a hardware store.
- **9B Graphite sticks** – One stick will last for several classes.
- **Laptop** – Screen size should be no smaller than 15”. 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** – 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 list?

Yes – You need everything on this list.

Art Supply List

- **40** pads of 10x 18" x 24" Newsprint or 30 lbs. Loose Newsprint Sheets -https://www.uline.ca/BL_1953/Newsprint-Sheets
- **1** Lyra graphite stick 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 ½" 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** 18" x 24" or larger rigid drawing board
- **2** large bulldog clips
- Phone arm or similar - see video on Student Login Page
- **1** Sketch book – 9" x 12" or larger
- **1** set of plastic animation peg bars (standard ACME version) **Note: metal peg-bars also are fine*
- **1** package of animation paper.
- **1** copy of "The Natural Way To Draw" by Kimon Nicolaides - **Amazon**

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, Walmart or any large craft stores typically over-charge for these items and they do not have quality products for this course.*

Amazon Links for animation paper and animation peg bars

[Animation paper Link](#)

[Animation peg bars Link](#)

What equipment will I need?

- 1 smart phone mounting arm. Amazon link: <https://www.amazon.com/Overhead-Articulating-ChromLives-Streaming-Crafting/dp/B07ZVCXLLF>
- 1 smart phone
- 1 laptop or desktop computer. **Note - an iPad won't work as it's too small.*
- 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/%20ref=sr_1_7?dchild=1&keywords=b10202&qid=1614613694&sr=8-7

Students in the USA can order a skeleton here:

https://www.amazon.com/dp/B07D43Y2XL?ref=myi_Ktle_dp

International students can order from ebay:

<https://www.ebay.com/itm/124307561340>

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

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?

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.

How interactive are APW Online classes?

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".

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.