

Digital Production – week 10

This week we start exploring the GIMP software. This is an open source program very similar to Photoshop. Many of the tools and techniques in Gimp are replicated in Photoshop, and in other image processors as well. If you do not have GIMP on your machine, this is where you can go to get a download for installation. There are versions for Windows, MacOS, and Linux. Documentation and tutorials are also available on their site.

<https://www.gimp.org/downloads/>

GIMP: The Interface

Before starting to work with GIMP, you should be familiar with its interface. Launch GIMP and then follow along with this 14-minute video.

https://www.youtube.com/watch?time_continue=1&v=7JmRYPTRA9M&feature=emb_logo

After watching the video, take a few minutes to practice with the following GIMP tools until you understand how they work:

- Pencil tool
- Text tool
- Paintbrush tool
- Airbrush tool
- Eraser tool

GIMP: Basic Tools

Now that you've been exposed to GIMP's interface, follow along with this 7-minute video to learn more about GIMP's basic tools. Pause the video to practice with some of the simple drawing tools, such as the pencil and the paintbrush. If you mess up really badly and can't recover, close GIMP without saving and start it up again.

https://www.youtube.com/watch?time_continue=35&v=ti8bvDzdIPE&feature=emb_logo

Once you feel like you understand how to use these tools, move on to the next screen.

GIMP: Selection Tools

Click on each link to watch a tutorial video to help you learn to use the following selection tools:

- **Rectangle Select Tool** : https://www.youtube.com/watch?v=oeT00d4C5Nc&feature=emb_logo
- **Ellipse Select Tool** : https://www.youtube.com/watch?v=y22hhIIHyFg&feature=emb_logo
- **Free Select Tool** : https://www.youtube.com/watch?time_continue=4&v=6RbuqcQfYek&feature=emb_logo
- **Fuzzy Select Tool (magic wand)** : https://www.youtube.com/watch?v=Rv3ZPGGcl4s&feature=emb_logo

These are basic tools, so it is important that you understand how to use them well. Keep in mind that you might have to adjust the zoom in GIMP in order to make precise selections.

Feel free to use any image while you learn how to use these tools. However, if you would like to use the same ones as in the videos, here they are:

- **Red Car** : https://nbvhs-nbed.brightspace.com/content/Technology/DIGITAL_PRODUCTION_120/DigPro120_2018-19/Module%203/Assignments/Images/MGB-14megapixelCanonSX30.JPG?_d2lSessionVal=4YD0hwm6wXlvdGsS6kb4ex1qW&ou=55983
- **Polaroid Camera** : https://nbvhs-nbed.brightspace.com/content/Technology/DIGITAL_PRODUCTION_120/DigPro120_2018-19/Module%203/Assignments/Images/polaroid.JPG?_d2lSessionVal=4YD0hwm6wXlvdGsS6kb4ex1qW&ou=55983
- **Old Camera** : https://nbvhs-nbed.brightspace.com/content/Technology/DIGITAL_PRODUCTION_120/DigPro120_2018-19/Module%203/Assignments/Images/kodakcameraold.jpg?_d2lSessionVal=4YD0hwm6wXlvdGsS6kb4ex1qW&ou=55983

Make sure that you are proficient at using these selection tools before moving on. Play with some of your own images and see what you're able to do.

GIMP: Selection Tools Practice and Assignment

Now that you've learned about GIMP's selection tools, it's time for a practice activity which you will submit as an assignment. Here are the steps to follow:

1. First, open up this image: [mclobster.jpg](#)

https://nbvhs-nbed.brightspace.com/content/Technology/DIGITAL_PRODUCTION_120/DigPro120_2018-19/Module%203/Assignments/Images/mclobster.jpg?_&d2lSessionVal=4YD0hwm6wXlvdGsS6kb4ex1qW&ou=55983

and save it as *mclobster_yourname.xcf* (replace *yourname* with your name). When working on any image, save it regularly so that you don't lose any of your work.

2. Then, watch this tutorial video and follow along with your saved *mclobster.jpg* image.

https://www.youtube.com/watch?time_continue=1&v=23-kKGPwljE&feature=emb_logo

3. Once you have completed the work, submit by e-mail. Remember, it must be submitted as an **XCF** file (not JPG or PNG).

GIMP: Paintbrush Tool Practice and Assignment

While the Paintbrush Tool can be used to draw simple lines, it is much, much more. This practice activity will give you the opportunity to choose different brushes and colours and to adjust the opacity. Here are the steps to follow:

1. First, watch this tutorial video.

https://www.youtube.com/watch?time_continue=4&v=zF3s0haCsGw&feature=emb_logo

2. Choose an image to experiment with and save it as *paintbrush_yourname.xcf*. You may use [this one](#) (a former NB to PEI ferry, *Vacationland*),

https://nbvhs-nbed.brightspace.com/content/Technology/DIGITAL_PRODUCTION_120/DigPro120_2018-19/Module%203/Assignments/Images/vacationland.jpg?_&d2lSessionVal=4YD0hwm6wXlvdGsS6kb4ex1qW&ou=55983

or any of your own.

3. In order to show that you have experimented with this tool, submit any image that you've created or used showing at least five different "brushes", using different colours for some. For example, you can show: Hardness 075, Hardness 100, Star, Sparks, Chalk, Sand dunes, Pencil Scratch, and many others.

That is it for this week. Play with the tools and learn what they do. Next week we will continue with image manipulation.