Welcome to Week 1!

This week will get you orient you with the EAC and Intro 360. Then you will learn how to navigate Confluence in order to learn the EAC's most important tool with ease. Next, if you are currently an undergraduate working at the EAC, you will set up UA Little Rock's VPN and a remote desktop connection to the EAC so you can have access to the EAC's computers. We will also explain the EAC's shared drive, a drive all EAC students have access to so they can share files with each other! Finally all students will look at all the 360-degree projects the EAC has created so far so you can become acquainted with what you are learning to make. To finish this week, there will be a short introductory Confluence exercise.

Part 1 - Introduction to the Emerging Analytics Center and Intro 360

1.1 - Summary of Intro 360

Intro 360 is a program made to help students get started in developing 360 virtual reality tours developed by the Emerging Analytics Center. The George W. Donaghey Emerging Analytics Center (EAC) is an academic department within UA Little Rock that focuses on research and development of augmented/virtual/mixed reality, immersive visualization, and more! To learn more about the EAC, visit our website [here](#).

This program will will walk students through the process of creating a virtual reality 360-degree tour using the Unity game engine. To see an example of a 360 tour, please visit the EAC's tour of UA Little Rock's Trail of Tears park [here](#). Each week, students will visit that week's page. Students will complete all of the reading and assignments for that week. There will be a weekly meeting where students will receive guidance on the Intro 360 content on Thursdays from 2:00 pm to 3:00 pm.

1.2 - Table of Contents

This is a table of contents to help you navigate the space. Click any of the links below to jump to that point on the page.

1.3 - Course Goals

Course Goals
Learn to use project management tools such as Git and Confluence
Learn the basics of Unity
Be able to implement Digital Salmon's Complete 360
Be able to customize Complete 360's popups
Learn to take photos using a 360 degree camera
Be able to build a Unity project to WebGL
Create your own 360-degree tour from scratch

Part 2 - Introduction to Confluence

1.1 - Confluence basics

Confluence is one of the most important tools used at the EAC. Tutorials for tools and processes are stored on Confluence, as well as pages for planning projects, meeting notes, and reporting progress on tasks. Learning to use this tool is critical for navigating and learning here at the EAC. Luckily, there are Confluence tutorials for using Confluence!

To get started learning about Confluence, visit the [Introduction to Confluence at the EAC page](#).

1.2 - Learn about the 360 DOC space

Next, read the [360 DOC Overview Page](#). The 360 DOC space is where documentation on all things related to Project 360 live. The overview page offers instructions on how the 360 DOC space works and how to navigate it.

1.3 - Set up your personal Confluence space

Finally, read the [How to Access your Personal Confluence Space page](#) to set up your personal page.

Now that you're a Confluence pro, move on to part 2!

Part 2 - Existing 360 tour applications

2.1 - Learn about 360 applications

In this part, you will be looking at past 360 applications to get an idea of what you will be learning to make this semester.

To read about and use each of these applications, visit the [List of 360 Applications page](#). For this week, please learn about these applications.

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Next, you will be combining what you have learned in part 1 with what you just learned by doing a short project.

For this project, you will be creating a Confluence Page introducing yourself that will be nested under *Week 1* in the INTRO space. An example page already exists nested under *Week 1*. To create a nested page, click *Week 1* then the blue *Create* button.

Use what you learned in part 1 to add content to your page. This page should include a short introduction paragraph about yourself and a paragraph about which 360 application is your favorite and why. Your page should fit the following requirements:

1. Use at least one header
2. Use at least one widget
3. Use a hyperlink to link to the webpage of your favorite 360 application

If you have any problems with this assignment, please contact Cecily (Danica) Mobley at dcmobley@ualr.edu.

Once you are done with your page, move on to part 3!

Part 3 - Set up a remote desktop connection and shared drive access (for EAC undergraduate students)

3.1 - Learn about other tools used at the EAC

At the EAC, there are a couple of other tools that make work smoother. A remote desktop connection will allow you to use the EAC's workstations. These workstations have plenty of space on the shared file server, may be more powerful than your own computer, and will have some of the tools you need already installed. A remote desktop connection is an important tool if you are working from home because it lets you access some of the EAC's resources without being in the office.

The second tool is the EAC shared file server. This file server can be accessed from any of the EAC's workstations and can be used to transfer files between computers. Additionally, your personal file server folder (your home folder) is where all your EAC projects should be stored. This ensures that you will not lose any work if something happens to your PC.

This section will cover setting up these two tools.

3.2 - Remote desktop connection

See [Remote access to EAC Workstations and VMs](#).

3.3 - Connect to the EAC file server

There are two types of folders on the EAC file server. The first is the shared drive, which is accessed by everyone at the EAC and is used to share resources. This folder will be referenced many times throughout 360 Intro, so getting it set up is important! The second type of folder is your home folder, which you can save your projects to instead of your computer. This way, your work will be accessible from any computer at the EAC and will be saved in case something happens to the computer you are working on.

To set up each of these folders, access an EAC workstation (computer) either remotely or in person. Then, follow the steps on the [Accessing the EAC File Server page](#).

3.4 - Ask for help if you need it!

Sometimes accessing the shared drive and remote desktop can be tricky. If you have any problems please contact Thomas Coffin (tacoffin@ualr.edu).