

## Digital and AI Photography with Your Smartphone Weekly Syllabus

Thursdays from 10:45 am to 12:15 pm, MAB2

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### Course Description

Designed for both new and experienced photographers (who are comfortable with their phone camera tools and techniques), this class will focus on using the newest AI tools and systems to enhance and expand our own photographs that we take.

Each week, students will explore a new AI or Photo AI tool or app and we will apply a variety of AI driven techniques and tools to take our own digital photos to new levels.

We will explore a variety of AI platforms, and working with our own photographs, discover how AI can both help us edit and improve our photos as well as breathe exciting new life into the photos we have previously created.

NOTE: It is important to note that this course does not look at using AI to create images and videos that are artificial and created out of thin air. Our focus will only be on the real-life photos we take and how to improve and expand those photos in a variety of ways.

| Week            | Topic   | Notes |
|-----------------|---|-------|
| Week 1 / Feb 5  | <b>Introduction to AI Enhanced Photography</b><br>We will review the technologies we will use in class and discuss the current state of AI tools and philosophies.  |       |
| Week 2 / Feb 12 | <b>Introduction to Chat GTP</b><br>We will first review student photo submissions and then review the different way to use Chat GTP to enhance our real-world photos  |       |
| Week 3 / Feb 19 | <b>Replacing Photoshop and Other Legacy Editing Tools</b><br>We will first review student photo submissions and then review the different ways we can manage photo editing and retouching using different AI Tools. |       |

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| Week 4 / Feb 26          | <b>Introduction to Google Gemini and Apple Playground</b><br>We will first review student photo submissions and then review the different way to use Gemini and Playground to enhance our real-world photos  |  |
| Week 5 / March 5         | <b>Introduction to New Gen Photo Editing Tools</b><br>We will first review student photo submissions and then review traditional photo editing tools such as Canva, Picsart and Pxlr and learn how they approach using AI enhancements in their toolsa |  |
| <b>Week 6 / March 12</b> | <b>Week 6 No Class, Instructor out of town</b>   |  |
| <b>Week 7 / March 19</b> | <b>Week 7 No Class, Spring Break</b>   |  |
| Week 8 / March 26        | <b>AI Tool Consolidators or Stand Alone Tools</b><br>We will first review student photo submissions and then review the different approaches to subscribing to and paying for AI technology.   |  |
| Week 9 / April 2         | <b>Introduction to AI Enhanced Videos</b><br>We will first review student photo submissions and then review the different ways you can create short video clips using your original photos as source materials   |  |
| Week 10 / April 9        | <b>Introduction to Advanced AI Art Tools</b><br>We will first review student photo submissions and then review the many AI driven tools for advanced photo and art enhancement, such as Grok AI and Leonardo AI  |  |
| Week 11 / April 16       | <b>Final Class of the Semester</b><br>We will first review student photo submissions and then have a final class photo show with prizes. We'll review the topics we covered in the semester and make technology predictions for the coming year.       |  |

**\*Content/order/classes/speakers subject to change if necessary.**

### **Course Materials and Requirements**

All students are requested to meet these minimum requirements:

- iPhone 13 or higher or Android Phone running Android 15 or higher
- Available Data with your Phone Plan so you can download and run various apps
- Ability to connect to UNLV WIFI during class hours
- Rudimentary understanding of using your smartphone's built in camera and video tools
- Able to spend approximately \$15.00 per month on app licensing