## Course Description:

In Photography Basics, you will learn how to correctly explain the setup and proper use of basic photography equipment. Through projects and research activities embedded in the course, you will create and present a portfolio of work. In addition, you will learn to describe professional habits, etiquette, and technology essential to creating a photograph. No access to photography equipment is needed in order to take the course; opportunities to practice with digital simulations and theory will be present throughout the course. This course is designed for any beginner interested in learning about photography and what it could take to make a career out of an interest in this exciting, dynamic field of study. Photography Basics is designed for ninth grade or higher. A background in photography is not necessary to take this course.

## Course Objectives:

- Correctly explain the setup and proper use of basic photography equipment.
- Create and present a portfolio of work.
- Describe professional habits, etiquette, and technology essential to creating a photograph.

## Required Materials:

- word processing software
- the ability to take screen shots OR access to digital photography equipment (recommended)
- Internet browser
- pen and paper (for notes)

## Course Overview:

Introduction to Class
- Basic History of Photography
- Choosing the Right Camera
- Equipment Used in Digital Photography
- Megapixels and Lenses
- Digital SLR Camera

Capturing Digital Photographs
- Lenses
- Understanding Aperture and Shutter Speed
- Appropriate Resolutions
- Focusing and Filters
- Creating Moods

Setting the Scene
- Lighting Equipment
- Lighting Setups: Part One
- Lighting Setups: Part Two
- Identifying Lighting Setups in Photographs
- Lights, Camera, Action: Your Subject

Post-Production
- File Formats and Types
- Editing Files: Part One

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- Editing Files: Part Two
- Post-Production and Publishing: Basic Terminology
- Post-Production Software

The Finished Image: Display, Storage, and Dissemination

- Backing Up Your Work
- Image Storage Techniques
- Color
- Converting and Sending Digital Files
- Image Delivery

Protecting Your Equipment and Work

- Equipment Maintenance and Care
- Plagiarism
- Commercial and Fair Use
- Copyright
- Review & Final Exam

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