

## Course Title: Creating and Manipulating Digital Images

### 1) Dates of Course

This course is set to run: (TBD)

### 2) Course Description

In this 15-hour online course, participants will create and import a variety of digital images for use in publications and presentations. Participants will learn to:

- acquire images (Internet, scanner, digital camera)
- create images (MS Paint, Photoshop Elements)
- enhance and edit images - adjust color balance and brightness, crop, resize
- manipulate images - extract, combine, use filters
- insert images into MS Office files and add borders

As participants develop skills using the software, they will:

- create models for use with students
- develop curriculum-embedded project(s) that utilize visual images
- identify ethical issues that might arise from manipulating visual images
- reflect on and evaluate artwork

### 3) Course Objectives

As a result of attending this course, participants will be able to:

- create and/or acquire images to enhance messages
- instruct students in creating, enhancing and editing images
- utilize images effectively to illustrate documents and presentations

### 4) NYS Standards Addressed

#### MST Standard 2: Information Systems

Students will access, generate, process, and transfer information using appropriate technologies.

#### The Arts Standard 1:

Students will make works of art that explore different kinds of subject matter, topics, themes, and metaphors. Students will understand and use sensory elements, organizational principles, and expressive images to communicate their own ideas in works of art. Students will use a variety of art materials, processes, mediums, and techniques, and use appropriate technologies for creating and exhibiting visual art works.

#### The Arts Standard 2:

Students will know and use a variety of visual arts materials, techniques, and processes. Students will know about resources and opportunities for participation in visual arts in the community (exhibitions, libraries, museums, galleries) and use appropriate materials (art reproductions, slides, print materials, electronic media). Students will be aware of vocational options available in the visual arts.

#### The Arts Standard 3:

Students will reflect on, interpret, and evaluate works of art, using the language of art criticism. Students will analyze the visual characteristics of the

natural and built environment and explain the social, cultural, psychological, and environmental dimensions of the visual arts. Students will compare the ways in which a variety of ideas, themes, and concepts are expressed through the visual arts with the ways they are expressed in other disciplines.

- 5) Contact Information:  
[mchiarel@gmail.com](mailto:mchiarel@gmail.com)
- 6) Prerequisite Skills/Requirements  
Participants should have a comfort level with the computer and digital camera.
- 7) Equipment and software that will be required  
Participants will need access to a digital camera, scanner, and means of transferring images into computer from both. They will also need access to Adobe PhotoShop Elements (or the full version of PhotoShop) and MS Paint.
- 8) How you will determine your recommendation for in-service credit  
In order to receive full in-service credit for this course you must:
  - a. Submit completed assignments that satisfactorily meet criteria as indicated in rubrics and models provided
  - b. Participate in discussions
  - c. Hand in all assignments on or before due dates
  - d. Comply with all policies