

MANCHESTER REGIONAL HIGH SCHOOL

TECHNOLOGY

Digital Photography

Manchester Regional High School Board of Education

Mrs. Ellen Fischer, President, Haledon

Mr. Douglas Boydston, Vice-President, Prospect Park

Mr. Michael Boyle, Haledon

Mr. Jeffrey Fischer, Haledon

Mrs. Cynthia Fusco, North Haledon

Mr. Paul Gorga, North Haledon

Mr. Valdo Panzera, North Haledon

Mrs. Maria Sole, North Haledon

Mr. John Vander Molen, Prospect Park

Administration

Dr. Miquel Hernandez, Superintendent of Schools

Mr. John Serapiglia, Business Administrator

Dr. Richard J. Ney, Principal

Ms. Colleen Brogan, Assistant Principal

Mr. Colleen Dorn, Assistant Principal

Mrs. Lynne Crawford, Director of Special Services

Supervisor of Technology

Mr. Jonathan Banta

Curriculum Committee for Digital Photography

Mr. Jonathan Banta

Ms. Marjorie Hernandez

Ms. Fion Lee

Google 101

Course Descriptions

Digital Photography- This full year course will expose students to the world of digital photography. Four areas of instruction will be emphasized: How cameras work, how composition works, how lighting works, how to use photo editing software. Students will, generally, receive basic instruction, demonstration, and see samples of the desired outcomes, at the beginning of each period. They will be allowed to go outside and shoot assignments, based on what they are learning. Perhaps the most useful part of classroom instruction will be daily reviews of photos students have shot the previous day(s). They will see what makes a successful photo and what does not.

Course Data:

Length of Course:	Half Year
Credits:	2.5
Periods per Week:	Five
Classification:	Elective – Grade 9
Prerequisite:	None

Student Evaluation

The purpose of evaluation is to assess student progress and to determine if the student has retained and comprehends the subject matter. Teachers will evaluate student progress by utilizing standardized test, teacher-made quizzes and test, oral questioning, class participation, homework and projects.

The following grading structure will be employed:

1. Class participation50%
2. Projects50%

Grading structure:

Benchmark for mastery of course content is 65%; content mastery for students with IEPs may be less than the Board of Education approved minimum for regular education students

I. Statement of purpose

The Technology Education program has as its primary purpose the preparation of students to live and work in a technological society. The courses within the program are designed to educate all students, boys and girls, with regard to career opportunities, living and working with current and future technologies, and the changing workplace as we live in the 21st Century.

II. Course Outline and Objectives

Course Outline
Unit 1: Introduction
Unit 2: How it All Works

- | |
|---|
| <ul style="list-style-type: none">● Section 1 - Introduction |
| <ul style="list-style-type: none">● Section 2 - The System of Digital Photography |
| <ul style="list-style-type: none">● Section 3 - How Digital Cameras Work |
| <ul style="list-style-type: none">● Section 4 - How Lenses Work |

Unit 3: Using your Digital Camera
--

- | |
|--|
| <ul style="list-style-type: none">● Section 1 - Introduction |
| <ul style="list-style-type: none">● Section 2 - Handling the Camera |
| <ul style="list-style-type: none">● Section 3 - Digital Exposure |
| <ul style="list-style-type: none">● Section 4 - Moving Your Photos |
| <ul style="list-style-type: none">● Section 5 - Archiving Your Photographs |

Unit 4: The Subject

- | |
|---|
| <ul style="list-style-type: none">● Section 1 - Introduction |
| <ul style="list-style-type: none">● Section 2 - Topic of the Photograph |

- Section 3 - Using Supporting Details
- Section 4 - Subject, Details, and Context

Unit 5: Composition

- Section 1 - Introduction
- Section 2 - Photographic Composition

Unit 6: Light and Flash

- Section 1 - Introduction
- Section 2 - The Basics
- Section 3 - Natural Light
- Section 4 - Artificial Light

Unit 7: Image Processing

- Section 1 - Introduction
- Section 2 - The GIMP
- Section 3 - Working With Color
- Section 4 - Resizing Images

Unit 8: Black and White Photography

- Section 1 - Introduction
- Section 2 - Black and White Photography

Unit 9: Using Your Photographs

- Section 1 - Introduction
- Section 2 - Using Your Work

COURSE OBJECTIVES

Successfully use a digital camera to make images.

● Explain and apply basic photographic composition to their images.
● Explain and apply the various characteristics of light in making their images.
● Explain and apply the fundamental tools of image processing to their work.
● Explain the hardware and software requirements for a digital darkroom and analyze their systems in terms of those requirements.
● Explain how a digital camera works.
● Explain how they can use photographs.

*** Digital Photography and Adobe Photoshop for HS students

<https://edex.adobe.com/syllabus/4c8-6df6/>

Check out this link for further info of photography and photoshop combined.