

**Southern Regional High School  
Manahawkin, New Jersey**

**Course of Study**

**For**

**Advanced Photographics  
8808**

Submitted By:  
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# **Southern Regional High School District Course of Study**

Department Applied Technology

**Course Title:      Advanced PhotoGraphics**

## **Essential Questions of the Course:**

1. How did printing impact on history?
2. How do we use print technology to communicate?
3. How do we solve communication problems using a Design Process?
4. What is offset printing?

## **Assessments:**

- Students will complete written assessments to show proficiencies at various stages of the course.
- Students will demonstrate proficient usage of equipment handling.
- Students will complete hands-on performance-based activities throughout.

## Unit of Study

**Unit Title: Printing Process and History of Printed Images**

### Essential Questions of the Unit:

1. How has the printed image evolved?
2. Why do we print?
3. How do we print?

### Assessments:

- Students will complete questions from selected chapters from the text.
- Students will demonstrate proficiency in using the appropriate materials and processes through hands-on learning activities.

## **Content:**

- History of printing
- Relief
- Intaglio
- Stencil
- Planography
- Photographic
- Electronic
- Safety

## **Skills:**

- Careers
- Cooperation skills
- Following directions
- Application of practical skills from note taking, observations and demonstrations.

## **Purpose / Rationale of the Unit:**

- Students will gain the understanding of the evolution of printing and each of the processes involved.
- Students will demonstrate proficiency in using the appropriate materials and processes through hands-on learning activities.

## **New Jersey Core Curriculum Content Standards:**

### CECFLS

- ◆ 9.1.A.A, A.3, B.3, B.4, B.5
- ◆ 9.2.A.1, A.2, B.3, C.2, D.1, D.3, D.4, F.1 – F.5

### Science

- ◆ 5.2.B.2, B.3

**Time Frame of Unit** 12 Weeks

## **Instructional Activities:**

- Career component
- Relief Block Printing
- Paper Stencil
- Intaglio Plate
- Marbleizing
- Photo
- Digital Imaging

## **Materials and Resources:**

- Handouts/PowerPoint/Demonstrations
- Textbooks
- Computer
- Camera

## Unit of Study

**Unit Title: Design Process**

### Essential Questions of the Unit:

1. How do we communicate effectively?
2. What is Design?
3. What are the essentials of Design?
4. How does the Design affect how we think?
5. How do we solve a communications problem using the Design Process?

### Assessments:

- Students will complete chapter questions.
- Students will demonstrate proficiency in using the appropriate materials and processes through hands-on learning activities.
- Students will demonstrate how to complete a Message Analysis.

## **Content:**

- Design process
- Image generation
- Pre-production
- Production
- Finishing
- Digital Imaging
- Photographic screen processing

## **Skills:**

- Cooperation skills/team work
- Following directions
- Application of practical skills for note taking, observations and demonstrations.

## **Purpose / Rationale of the Unit:**

- Expose students to the steps involved in Design and demonstrate how this process is an on-going theme.
- Students will become proficient completing different design assignments for different audiences.
- Students will demonstrate proficiency in using the appropriate materials and processes through hands-on learning activities.

## **New Jersey Core Curriculum Content Standards:**

### Visual and Performing Arts

- ◆ 1.2.D.2, D.3, D.4
- ◆ 1.3.D.1
- ◆ 1.4.B.1

### Tech Lit

- ◆ 8.1.A.3, A.5, A.6, A.8, A.9
- ◆ 8.1.B.1, B.2, B.3, B.4, B.9, B.11, B.12
- ◆ 8.2.A.3, B.2, B.3, C.2, C.3

### CECFLS

- ◆ 9.1.A.1, A.3
- ◆ 9.2.A.1, A.2, C.2

**Time Frame of Unit:** 12 weeks

### **Instructional Activities:**

- Photographic print
- Digital Photography
- Image Manipulation (analog /digital)
- Printing the Image
- Screen Process
- Register
- Trap
- Careers

### **Materials and Resources:**

- Riso
- Computer
- Photographic screen materials
- Exposure Unit

## **Unit of Study**

**Unit Title: Desktop Publishing/Digital Imaging**

### **Essential Questions of the Unit:**

1. What is Desktop Publishing?
2. What is Digital Imaging?
3. How is Desktop Publishing used to solve communication problems?

### **Assessments:**

- Students will complete all written assignments.
- Students will demonstrate proficiency of terminology, equipment and processes by completing all hands-on activities.
- Students will demonstrate safe practices on machines, tools and equipment as per demonstrations.

## **Content:**

1. What is Type?
2. Software applications
  - a. Photoshop (Adobe)
  - b. Adobe Illustrator
  - c. Adobe Indesign
3. Digital Imaging
  - a. Input
  - b. Imaging
  - c. Printing

## **Skills:**

- Cooperation/group work
- Following directions
- Application of practical skills from note taking observations and demonstrations.

## **Purpose / Rationale of the Unit:**

- Students will use current industry applications to complete assignments to gain practical experience and exposure.
- Students will continue to use these skills to complete future assignments.

## **New Jersey Core Curriculum Content Standards:**

### Tech Lit

- ◆ 8.1.A.3, A.5, A.6, A.8, A.9
- ◆ 8.1.B.1, B.2, B.4, B.9, B.11, B.12
- ◆ 8.2.A3, B.2, B.3, C.2, C.3

### Visual and Performing Arts

- ◆ 1.2.D.2, D.3.D.4
- ◆ 1.3.D.1
- ◆ 1.4.B.1

**Time Frame of Unit – 12 weeks**

### **Instructional Activities:**

1. Printers measure – The Point system
2. Recognizing Type styles (cut out)
3. Classifying Type
4. Setting Type
5. Formatting Type
6. Using Type to communicate
7. Inputting information for Desktop Publishing
8. Processing
9. Output

### **Materials and Resources:**

- Riso
- Computer
- Computer applications
- Digital cameras
- Tutorial programs