

Visual and Performing Arts
Visual Arts Photography and Digital Imaging II
Unit 4: Darkroom Processes

Essential Understandings	Photographers use light sensitive materials, alternative photographic processes and a variety of darkroom processes to create works of art.
Essential Questions	- What alternative processes are used in photography? - How are light sensitive darkroom processes used to create strong photographs?
Essential Knowledge	- Alternative photographic processes can be used to create works of art. - Light sensitive materials can be used with black and white darkroom processes.
Vocabulary	<u>Terms:</u> - contact printing, cyanotype chemistry, ultra violet light, burning in and dodging, push process, over develop, under develop, film speed, solarization, Sabbattier technique, Mackie lines
Essential Skills	- Use knowledge of an alternative photographic process. - Utilize specific tools and materials in the black and white darkroom correctly. - Apply correct procedures for mixing chemicals, processing prints and developing film. - Use knowledge of various darkroom processes to create photographic works of art.
Related Maine Learning Results	<u>Visual and Performing Arts:</u> B. Creation, Performance, and Expression B1. Media Skills Students choose multiple, suitable media, tools, techniques, and processes to create a variety of original art works. B2. Composition Skills Students use Elements of Art and Principles of Design to create original art works that demonstrate development of personal style in a variety of media and visual art forms. C. Creative Problem Solving C1. Application of Creative Processes Students apply and analyze creative problem solving and creative-thinking skills to improve or vary their own work and/or the work of others.

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Sample Lessons And Activities	▪ Create digital negatives for contact printing and explore opacity of materials, symbolism and the elements and principles of design in a self portrait cyanotype collage ▪ Create photographic images in strong compositions displaying quality printing ▪ Practice push processing film ▪ Create solarized “Sabbatier” prints and contact prints with “Mackie” lines
Sample Classroom Assessment Methods	▪ Rubric criteria for cyanotypes ▪ Rubric criteria for BW photographs ▪ Rubric criteria for solarized photos
Sample Resources	▪ <u>Publications:</u> ○ <u>Alternative Photographic Processes</u> – Christopher James ○ <u>Creating Digital Negatives for Contact Printing</u> – Dan Burkholder ▪ <u>Videos:</u> ○ <u>Edward Weston</u> ○ <u>Lens Work Extended</u>