

## B&W Photography: The Print Certificate of Accomplishment - Active

Department: Photography

Approval: February 2014

Effective Semester: Fall 2015

This certificate program, built on the basics of photography and design, includes hands-on instruction in traditional darkroom techniques with an emphasis on high-end black and white printing. Students will build a personal portfolio of work and achieve proficiency in what has now become an artisanal skill. Students completing this certificate program will be qualified to work in custom photography labs, to operate a darkroom facility, and to work for professional fine-artists. Additionally, this certificate prepares students for transfer to 4-year programs of study.

### Learning Outcomes

Upon completion of this program, students will be able to:

- Use the traditional tools and techniques of photography, such as but not limited to: measure light, estimate depth of field and motion.
- Apply design concepts, such as but not limited to: aesthetic elements and principles, create and evaluate photographic images, use iterative processes.
- Analyze the characteristics of various films, papers and chemicals and how they may react to different light and development techniques.
- Process prints and negatives according to existing archival standards, such as but not limited to: exposure and contrast control, specific film and paper developer selection, standardized chemical testing.
- Produce a portfolio of high quality Black and White prints.

Students must complete each course with a grade of "C" or higher.

Where applicable, grades of Pass may be used.

Students must complete 3 of 5 courses at City College of San Francisco.

All courses must be taken within a 4-year period.

The minimum time for completion of this certificate is 2 semesters. Completion time will vary based on student preparation and number of classes completed per semester.

### Courses Required for the Certificate of Accomplishment in B&W Photography: The Print

Course	Units
<b>Required courses:</b>	
PHOT 51 - Beginning Photography	3.00
PHOT 100/DSGN 101/VMD 101 - Design Fundamentals	3.00
PHOT 81A - Intermediate Photo: B&W Film/Darkroom	4.00
PHOT 81B - Advanced Black & White Darkroom	4.00
PHOT 130 - Portfolio Production	3.00
Total:	17.00
<b>Recommended additional coursework:</b>	
PHOT 67 - Digital Negatives for Darkroom Printing	3.00
PHOT 82 - Zone System Techniques	4.00
PHOT 86 - Mixed Media & the Photo Image	3.00
Total:	0.00
<b>Total:</b>	<b>17.00</b>

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