

### ACADEMIC FREEDOM STATEMENT

Brooks Institute is committed to protecting and encouraging the principles of academic freedom. Academic freedom provides the foundation for scholarship, teaching and learning, and reflects the Institutes fundamental mission to promote collaboration, critical thinking, and creativity. Essential elements for the intellectual vitality of a college include: the ability to exchange ideas and concepts freely, to explore and disseminate new knowledge, and to speak openly as a professional and as a private citizen. All are encouraged to promote a learning environment that provides opportunities for the free exchange of ideas between faculty, staff and students.

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### Programmatic Student Learning Outcomes/Mission

The mission of the Bachelor of Fine Arts Degree in Professional Photography program is to prepare students for careers in the field of professional photography through a philosophy of “learning by doing.” The program is designed to educate all students in basic and intermediate photographic skills through a shared Lower Division. Students develop a creative style and visual problem-solving skills while engaging in specialized market areas and techniques in the Upper Division. The program integrates liberal arts, professional business practices and ethics with a core photography and media production curriculum that prepares students for the creative, business, and technical challenges of a professional photography career.

### Program Description

The 120 semester credit Bachelor of Fine Arts in Professional Photography prepares students for careers in the field of professional photography. The cross-platform philosophy combined with the experiential learning provided by professional photographers/ instructors provides a unique and innovative technical education that develops graduates with a creative style and unique visual problem-solving skills. The program combines 75 semester credits of core photography classes, including business course work, and 45 semester credits of general education studies.

Upon Completion of the Professional Photography Program, students should be able to:

- Effectively use contemporary photographic tools. (Visual Literacy, Adept)
  - Effectively use photographic media and asset management software. (Adept)
  - Effectively collaborate to accomplish professional goals. (Collaboration)
  - Develop and implement an effective marketing program. (Problem Solver)
  - Understand professional business and ethics standards. (Ethics)
  - Apply creative and sophisticated visual solutions to the challenges of producing visual media. (Problem Solver, Visual Literacy)
  - Apply effective professional communication skills. (Communication)
  - Develop a lifelong learning pattern. (Adept)
  - Understand the principals of business management. (Problem Solver, Adept)
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**Course Title**                      **Digital Workflow**

**Course Code**                      **PTT214**

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Credit Hours                      3 Semester

Contact Hours                      4 Hours

Prerequisites                      PTT260 or VJN150

# Course Syllabus

Course Type	Lecture/Studio
Instructor	Rob Winner
Email	RWinner@brooks.edu
Telephone	(805) 275-5355
Term Start/End Date	September 8 – December 18, 2015

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## Course Description

This course introduces students to digital color concepts, technologies, and methodologies. Topics include: color perception, color models and color gamut, digital color correction, color management and introduction to offset printing. A production fee is required for this course.

## Learning Objectives

Upon completion of this course the student should be able to:

- Color correct his/her imagery utilizing levels or curves.
  - Repair, enhance, or correct color and image contrast utilizing channel blending techniques in Photoshop and have an understanding of the use of the various blend modes available in Photoshop.
  - Understand color spaces, color gamut and rendering intents in an ICC managed workflow.
  - Control the color of images from computer to output device.
  - Control the tonal conversion in a color image to a gray scale.
  - Properly prepare and convert an image to the CMYK color space for the purpose of offset printing.
  - Have an understanding of the halftone process and concepts such as dot gain, ink limit, black plate generation and gray component replacement.
  - Have an understanding of the offset printing process.
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Required Textbook(s) Real World Color Management, Bruce Fraser, Chris Murphy, Fred Bunting; Peachpit Press, 2003, ISBN 0-201-77340-6

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## Course Outline

**Week 1:** Color perception, introduction to color models and color gamut. Review of bit depth. Levels and curves in Photoshop. Color correction assignment given.

**Week 2:** More on color models and color gamut. Sharpening techniques in Photoshop. Creating a color test image. Color test image assignment given. Post assignment lecture – Color Correction.

**Week 3:** Introduction to color management. Gamut issues and rendering intents. Introduction to the Promotional Piece. Color on White, Color on Black, and Color Correction assignments given. Quiz on weeks one and two material. Color Test Image returned.

**Week 4:** Post assignment Lecture Color – Color on White, Color on Black, Promotional Piece, and Color Correction.

# Course Syllabus

**Week 5:** Photoshop's color settings in depth. Introduction to monitor calibration and profiling. Hue/Saturation adjustment layer as a color correction tool. Complementary Color and Color Correction assignments given.

**Week 6:** Introduction to halftones, the CMYK color space, ink limits, dot gain, under color removal, grey component replacement and under color addition. Commercial color assignment and Color Correction assignment given. Post Assignment Lecture – Complementary Color and Color Correction. Quiz #2

**Week 7:** Printer profiling and profiling/portfolio assignment given. Post Assignment Lecture – Color Correction and Promotional Piece.

**Week 8:** Production week – work on Commercial Color Assignment.

**Week 9:** Post Assignment Lecture – Commercial Color, Promotional Piece

**Week 10:** Halftone resolution and gray levels. Gray scale conversions. Gray scale and color correction assignment given.

**Week 11:** RGB to CMYK conversions. Commercial Alamode assignment given. Post Assignment Lecture – Color Correction and Gray scale conversions

**Week 12:** Production Week – Promotional Final Due.

**Week 13:** Post Assignment Lecture – Commercial Alamode. Final exam preparation.

**Week 14:** V3 Printing press run and facility tour.

**Week 15:** Final Exam

## GENERAL ASSESSMENT CRITERIA AND METHODS OF EVALUATING STUDENTS

Letter grades (A, A-, B+, B, etc.)

The student's overall grade for this class is derived from a combination of online instructional activity, class participation, assignments, quizzes and exams, projects, and final project/final exam. A student's grade will be adversely affected by being tardy to class and by any unexcused absence. Only the instructor can authorize exceptions to class policies, deadlines or grades. Students must confirm (in writing) any exceptions to class policies or deadlines with the instructor. Class work is weighted as follows:

Grade Weighting		Grading Scales		
Course Area	%	Percent	Letter	Numeric
		93–100	A	4.00
		90–92	A-	3.70
Quizzes	10%	87–89	B+	3.30
		83–86	B	3.00
Homework	70%	80–82	B-	2.70

		77–79	C+	2.30
Class Participation	10%	73–76	C	2.00
		70–72	C-	1.70
Final Practical Exam	10%	67–69	D+	1.30
		60–66	D	1.00
Total	100%	0–59	F	0.00

### DEFINITIONS OF CRITERIA USED IN GRADING

Outstanding = A	Outstanding work, showing insight and demonstrating excellence in skill and craft. Work goes well beyond what is required
Superior = A-, B+	Superior work, shows clear understanding and thorough demonstration of skill and craft
Good = B, B-	Competent work, clear understanding, often showing creativity and good use of skills
Satisfactory = C+, C, C-	Adequate understanding, inconsistent demonstration of skills, some elements missing or problems with priorities
Unsatisfactory = D, F	Lacks understanding, inadequate amount of time and effort demonstrated, many missing elements, inconsistent participation, skill and craftsmanship not demonstrated

### ATTENDANCE POLICY

Each faculty member takes attendance for each class period and posts it to the student's record through the portal. Once absences equal 20 percent of the total number of class meetings, faculty may lower the final grade for the course one full grade and may drop the grade again for each absence after the 20 percent has been reached. Students may review their attendance through the student portal under each course the student is enrolled in.

Students who do not attend during the first week of class may be subject to withdrawal. Brooks Institute may also withdraw any student who has not been in attendance for 14 consecutive days. However, the institute will withdraw any student who has had non-attendance for 35 consecutive days; this timeframe may be extended due to extraordinary circumstances that affect the entire student population. Students will be responsible for all financial obligations incurred if and when they are withdrawn for lack of attendance

Regular classroom attendance is not only an essential ingredient for academic achievement, but it is also a fundamental building block for success. As part of the course requirements, students must attend at least 80 percent of the scheduled time for each course in order to achieve satisfactory attendance. Students in any of the internship courses are required to complete all scheduled hours and record attendance throughout the scheduled course to achieve satisfactory attendance. Students who do not achieve satisfactory attendance may earn a failing grade on their transcripts and may be required to repeat the course. Absences will include tardiness or early departures. Students who are not in attendance for any portion of a class will accrue time absent calculated in percentage increments of 25, 50, or 100 percent of the class period as re-

flected on each daily roster. Students who have been absent from all their scheduled classes for more than 14 consecutive calendar days, not including scheduled Institutional holidays or breaks, and/or students who officially withdraw from all current courses may be administratively withdrawn from the Institution.

### Academic Integrity

Brooks Institute expects all students to exemplify integrity in all academic work. Brooks Institute will not permit students to engage in the following dishonest acts:

- **Cheating** – Cheating includes, but is not limited to, the following: using unauthorized notes, study aids, electronic or other devices not authorized by the instructor. Using or borrowing information from another person, or submitting someone else’s work as one’s own work including images and motion clips. Using work previously submitted for another purpose, without the instructor’s permission, is prohibited. Duplicated use of copyrighted material in violation of federal copyright laws is prohibited.

- **Plagiarism** – Submitting as one’s own work, in whole or in part, words, ideas, art, designs, text, drawings, images, motion clips, etc. that were produced by another person without attributing that person as the rightful source of the work. Plagiarism includes, but is not limited to: using words, word passages, pictures, etc. without acknowledgement; paraphrasing ideas without quotation marks or without citing the source.

- **Accessory to Dishonesty** – Knowingly and willfully supplying material or information to another person for the purpose of using the material or information improperly.

- **Falsification or Alteration of Records and Official Documents** - The following are examples of acts under this category, but the list is not exhaustive: altering academic records, forging a signature or authorization on an academic document, or falsifying information on official documents, grade reports, or any other document designed to attest to compliance with school regulations or to exempt from compliance.

- **Software Code of Ethics** – Unauthorized duplication of copyrighted computer software violates the law and is contrary to our organization’s standards of conduct. Brooks Institute disapproves of such copying and recognizes the following principles as a basis for preventing its occurrence:

- Brooks Institute will neither engage in nor tolerate the making or using of unauthorized software copies under any circumstances.

- Brooks Institute will only use legally acquired software on our computers.

- Brooks Institute will comply with all license or purchase terms regulating the use of any software we acquire or use.

- Brooks Institute will enforce strong internal controls to prevent the making or using of unauthorized software copies, including effective measures to verify compliance with these standards and appropriate disciplinary measure for violation of these standards.

- **Communication Devices**-To maintain academic integrity and to eliminate distractions for other students the use of electronic devices in the classroom is dictated by the instructor.

## CREDIT ASCRIPTION ADDENDUM

### PTT214 Digital Color Workflow - 3 semester credit hours

Type: Lecture/Studio

### Credit Ascription- The amount of hours spent outside of class and assignment alignment with Course Learning Objectives

Course Learning Objectives:

1. Color correct his/her imagery utilizing levels or curves.
2. Repair, enhance, or correct color and image contrast utilizing channel blending techniques in Photoshop and have an understanding of the use of the various blend modes available in Photoshop.
3. Understand color spaces, color gamut and rendering intents in an ICC managed workflow.
4. Control the color of images from computer to output device.
5. Control the tonal conversion in a color image to a gray scale.
6. Properly prepare and convert an image to the CMYK color space for the purpose of off-set printing.
7. Have an understanding of the halftone process and concepts such as dot gain, ink limit, black plate generation and gray component replacement.
8. Have an understanding of the offset printing process.

The following indicates the **minimum** number of hours per assignment:

	Assignment Title	Homework Hours	Assignment Objectives
<b>Week 1</b>	Color Correction 1&2	6	1.4
<b>Week 2</b>	Color Test Image	6	1,3,4
<b>Week 3</b>	Color On White Promo Set-up	10	1,4,6,7,8
<b>Week 4</b>	Color on Black Promo Set-up Cont.	9	1,3,4,7,8
<b>Week 5</b>	Complementary Color, Color Correction	10	1,2,3,4
<b>Week 6</b>	Color Correction	6	1,2,3,4
<b>Week 7</b>	Commercial Color	12	1,2,3,4
<b>Week 8</b>	Promo Final	3	1,2,3,4,7,8
<b>Week 9</b>	Color Correction	6	1,2,3,4
<b>Week 10</b>	Commercial Alamode Final Project – Paper Pro- filing / Print Portfolio	40	1.2.3,4,5
<b>Week 11</b>	Promo Conversion Color Correction	7	1,2,3,4,6,7,8,
<b>Week 12</b>	No Assignment	0	
<b>Week 13</b>	Grayscale Conversions	6	1.2,3,4,5
<b>Week 14</b>	No Assignment	0	
<b>Total</b>		121	