COURSE DESCRIPTION
Analyzes real world color management in the digital and conventional print industry. Focuses on advanced under-the-hood technology in color management systems building closed loop systems. Covers color fidelity, models and the understanding of how devices interpret and deliver. Profile building and editing for input and output devices.

Prerequisite: GRA 105 with a grade of C or better.

TOPICAL OUTLINE
I. Understanding color management
II. Measuring color and profiling
III. Digital and conventional color management workflows
IV. Working with color inputs
V. Color separation
VI. Output
VII. Color density and spectrophotometry
VIII. Proofing and print color management

METHOD OF PRESENTATION
1. Lecture and press demonstration
2. In-class lab work
3. Problem solving and discussion

STUDENT OUTCOMES (The student should be able to …)
1. understand color managed workflows.
2. understand all color modes.
3. create ICC profiles.
4. produce color proofs through press with color accuracy.
5. utilize all equipment in a color management workflow.

METHODS OF EVALUATION
1. Lab assignments
2. Paper related to industry topic
3. Tests and quizzes

TEXTBOOK

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